LAND RECLAMATION COMMISSION

STATE OF MISSOURI

P.O. BOX 176 JEFFERSON CITY, MISSOURI 65102 573-751-4041

			Perm	it To Enga	ge in Sur	face Mining		
	-		L	AND RECLAM	IATION CO	MMISSION		
	D	0771. 1		IENTAL CE		OMPANY, L.L.(
		In the application of the limestone &	plication, a p & clay	permit is herel in the stat	oy granted to e of Missou	to engage in surfa iri. The extent of	the	
	Pi	roposed mining The location	•		10 er this perm	acres, more of it is/are as follows:		
County	Section	Township	Range	Acres Renewed	Acres New	Total Acres	Site/Stream Name	Site Number
Ralls	14	56N	0 4W	0	10	222	Site #1	0376
	NESS WHEREC	forth in "The as are pr	Land Recla omulgated p	unation Act," oursuant theret	RSMo. 200 o by the La	of, or in such rules and Reclamation Conday of Ap	~	
Permit No.	0321 A-1							

Effective Date

Expiration Date

MO 780-1122 (6-95)

04/07/2004

01/31/2005





MISSOURI DEPARTMENT OF NATURAL RESOURCES LAND RECLAMATION COMMISSION

JAN 8 2004

PERMIT APPLICATION FO	R INDUSTR	IAL MINERAL MINE	Sasouri Land	JEFFERSON (P.O. BOX 176 CITY, MO 65102-0176
NAME OF CORPORATION, COMPANY, PARTNERSHIP OR INDIVID Continental Cement Company,		ECLA	MATOR CUMMIS	DATE	16, 2003
ADDRESS		CITY Hannibal		STATE MO	ZIP CODE 63401
10107 Hwy. 79		пашират		TELEPHONE NUMBER	03401
Alan Ruble				573-221-174	40 Ì
CHECK ANY THAT APPLY:					
□ New Permit	☐ Perm	nit Revision	rmit Expansion		
SITE NAME OR NUMBER	ACREAGE		LOCATION ON, TOWNSHIP, F		R WEST)
1. Site # 1	10 AC	Ralls, 时, T56N	, R4W		
2.					
3.					
4.					
5.					
6.		•			
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.			-		
16.					
17.		•			,
18.					
19.					
20.					
ATTACH ADDITIONAL SHEETS IF NECESSA	RY	TITLE		DATE	
SIGNATURE OF APPLICANT		Mgr. Engineeri	ng & Mining	December	16, 2003
	day of Decemb		Ruble		
to me personally known, who executed the about NOTARY PUBLIC EMBOSSER STATE	ove as their free	acts and deeds.	LOOUNTY (OR OTT)	(05.07.1.0(110)	
NOTARY PUBLIC EMBOSSER STATE Misso	uri		COUNTY (OR CITY		
	WORN BEFORE ME, T	THIS		-	
	OF Decembe		3 USE RUBBE	R STAMP IN CLEA	R AREA BELOW
NOTARY PUBLIC SIG	NATURE	MY COMMISSION EXPIRES			
Benefit (1. Blun	5-23-06			
NOTARY PUBLIC NAM	ME (TYPED OR PRINT	ED)			
	A. Bland				
FOR DEPARTMENT USE ONLY: APPROVED BY	DATE APPR	PERMIT NUMB	ER /	EXPIRA	ATION DATE
MO 780-1007 (12-02)	ATTACH FE	ES AND BONDING WORKSHEET.			1-31-05





MISSOURI DEPARTMENT OF NATURAL RESOURCES

LAND RECLAMATION COMMISSION PERMIT APPLICATION FOR INDUSTRIAL MINERAL MINES MISSOURI LAND P.O. BOX 176 SECLAMATION COMMISSION CITY, MO 65102-0176

Continental Cement	December 16, 2003						
FEES: COMPLETE SECTION I OR SECTIO	N II						
	those mining more than 5,000 tons of sand and/or gravel						
1. To compute the site fee complete the columns and lines below:							
SITE NAME OR NUMBER (Add a separate sheet for additional sites.)	Mark each month that the site will be operated during the Permit Year	For sites operated less than six months per permit year pay \$150 For sites operated six months or more per permit year pay \$300					
Site #1	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$					
SILE #I	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$					
	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec						
	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$					
	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$					
	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$					
	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	per permit year pay \$150 For sites operated six months or more per permit year pay \$300 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$					
	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	December 16, 2003 For sites operated less than six months per permit year pay \$150 For sites operated six months or more per permit year pay \$300 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5					
	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$					
	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec						
	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec						
	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$					
	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$					
	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec						
	TOTAL SITE FEE ▶	\$					
	es bonded	\$_50.00					
		50.00					
4. Iotal Fee (Add Iotals from 1, 2 and 3).		\$_50.00					
NOTE: If Total Fee exceed	ds \$2,500.00 then pay only	\$ <u>2,500</u>					
SECTION II. FEES: Sand or gravel operator	ors mining less than 5,000 tons per year:						
		\$ 300					
III. BONDING - for all except in-stream mine	sites:						
A. For sand and gravel operators mining	•	210					
Number of new acres	\$ 1/1/14						
B. For ALL other open pit operations:							
Minimum per permit		\$ <u>8,000</u>					
Acreage over eight acres	X \$500 per acre	\$ 111,000					
TOTAL BONDING REQUIRED		\$ <u>119,000</u>					
Check here if adequate bonding is already posted.							

LAND RECLAMATION COMMISSION STATE OF MISSOURI

P.O. BOX 176 JEFFERSON CITY, MISSOURI 65102 573-751-4041

Permit to Engage in Surface Mining

LAND RECLAMATION COMMISSION

ISSUES TO

CONTINENTAL CEMENT COMPANY, L.L.C.

Pursuant to "The Land Reclamation Act," RSMo, 2001, and on conformity with the statements acres, more or less. in the state of Missouri. The extent of the The locations of the operation(s) under this permit is/are as follows: Renewal in the application, a permit is hereby granted to engage in surface mining of proposed mining operation(s) will be on limestone & clay

See Attached List

This permit may be suspended or revoked upon violation of any or all of the conditions set forth in "The Land Reclamation Act," RSMo. 2001, or in such rules and regulations as are promulgated pursuant thereto by the Land Reclamation Commission.

IN WITNESS WHEREOF I have hereunto set my hand this

2004

March

day of

lst

DIRECTOR OF STAFF

Land Reclamation Commission

 Permit No
 0321

 Effective Date
 03/01/2004

 Expiration Date
 01/31/2005

Company Name Continental Cement Company, L.L.C.

Permit Number 0321

Expiration Date – 01/31/2005

County	Section	Township	Range	Acres	Acres	Total	Site/Stream Name	Site
			-	Renewed	New	Acres		Number
Gasconade	17	42N	04W	3		3	Biermann #7	0967
Franklin	24	42N	04W	2		2	Crews #1	0384
Franklin	24	42N	04W	5		5	Crews #2	0382
Gasconade	13	41N	06W	1		1	E. Lacy #2 *	0385
Gasconade	04	42N	05W	3		3	Graves #3	0379
Osage	12	41N	07W	1		1	Jarvis	0386
Gasconade	13	41N	05W	3		3	Reed #2	0378
Gasconade	03	42N	05W	10		10	Scego #5	0381
Maries	26	40N	07W	7		7	Skouby #1	0377
Gasconade	21	42N	05W	1		1	Tappmeyer #2	0380
Ralls	02, 03, 04, 09, 10, 11, 12, 13, 14	56N	04W	212		212	Site #1, Limestone	0376
							*Permitted for reclamation only	



MISSOURI DEPARTMENT OF NATURAL RESOURCES LAND RECLAMATION COMMISSION PERMIT RENEWAL FOR INDUSTRIAL MAINER

DEC 2 4 2003

RECEMED

AND RECLAMATION COMMISSION	
COMIT DENEWAL FOR INDUCTOIN	MAINICHAI

PERIVIT RENEWAL FOR	INDUSTRIAL MINI		OURI LAND.	JEFFERSON	N CITY, MO 65102-0176
NAME OF CORPORATION, COMPANY, PARTNERSHIP OR INDIV		RECLAMATI	ON COMMIS	SIGK.	
Continental Cement Company, L	.ь.с.			······································	
ADDRESS 10107 Highway 79		Hannibal		STATE MO	2IP CODE 63401
CONTACT PERSON				TELEPHONE NUMBE	
Alan Ruble				573/221-1	740
FEES: COMPLETE SECTION I OR SECTION		on F 000 tone of cond		-1.	
SECTION I. Fees: Open pit operators and t		an 5,000 tons or sand	and/or grave	er:	···
1. To compute the site fee complete the in	formation below:				
SITE NAME OR NUMBER	Mark each month the	at the site will be oper	oted during		less than six months per
(add a separate sheet for additional sites)	the permit year	at the site will be open	ated during	permit year pay \$1: For sites operated	six months or more per
, and a sopration of the source of the sourc	,,			permit year pay \$30	
1. Site #1, Hannibal Quarry	Jan, Feb, Mar, Apr, Ma	ay, Jun, Jul, Aug, Sep, O	ct, Nov, Dec	200	
2. Site #2, Biermann #7, Clay Op.	Jan, Feb, Mar, Apr, Ma	ay, Jun, Jul, Aug, Sep, O	ct, Nov, Dec	\$ 700	
3. Site #3, Crews #1, Clay Op.	Jan, Feb, Mar, Apr, Ma	ay, Jun, Jul, Aug, Sep, O	ct, Nov, Dec	\$ 300	2
4. Site #4, Graves #2, Clay Op.	Jan, Feb, Mar, Apr, Ma	ay, Jun, Jul, Aug, Sep, O	ct, Nov, Dec	\$ 300	9
5. Site #5, Graves #3, Clay Op.	Jan, Feb, Mar, Apr, Ma	ay, Jun, Jul, Aug, Sep, O	ct, Nov, Dec	\$ 300	2
6. Site #6, Reed Clay Op.	Jan, Feb, Mar, Apr, Ma	ay, Jun, Jul, Aug, Sep, O	ct, Nov, Dec	\$ 300	2
7. Site #7, Scego #5, Clay Op.	Jan, Feb, Mar, Apr, Ma	ay, Jun, Jul, Aug, Sep, O	ct, Nov, Dec	\$ ½,	
8. Site #8, Skouby #1, Clay Op.	Jan, Feb, Mar, Apr, Ma	ay, Jun, Jul, Aug, Sep, O	ct, Nov, Dec	\$, ,	
9. Site #9, Tappmeyer#2, Clay Op.	Jan, Feb, Mar, Apr, Ma	ay, Jun, Jul, Aug, Sep, O	ct, Nov, Dec	\$	
10.Site #10,Lacy #2, Clay Op.	Jan, Feb, Mar, Apr, Ma	ay, Jun, Jul, Aug, Sep, O	ct, Nov, Dec	\$ 150	<u> </u>
TOTAL SITE FEE Clay Op.			-	\$ 315	0
2. Acreage Fee \$5 X 248 number o	f acres bonded			.\$ 1240	 _
				•	· · · · · · · · · · · · · · · · · · ·
3. Annual Permit Fee				.\$ 500 	
4. Total Fee (Add totals from 1, 2 and 3)			· · · · · · · · · · · · · · · · · · ·	\$.4/890	
NOTE: If Total Fee exceeds \$2,500.00 the	n pay only	••••••••••••		.\$ 2,500	
SECTION II. FEES: Sand or gravel operato					
1. Annual Permit Fee	is mining less than 5	out tons per year.		.\$ 300	
SIGNATURE OF APPLICANT		THE		DATE	
Challe		12 15 03	3	Mgr - N	lining
Appeared before me this	Drarmard		n=5 4	1. RuBL	<u></u>
to me personally known, who executed the at			vies y	1	
NOTARY PUBLIC EMBOSSER SEAL STATE OF	•		COUNTY (OR CI	TY OF ST. LOUIS)	
Mis	SOURI			_	
i I	SWORN BEFORE ME, THIS	4 -	KALO	2.5	
152	1 DAY OF DECE	MBESER 2003	USE RUBBE	R STAMP IN CL	EAR AREA BELOW.
NOTARY PUBLIC SI	GNATURE	MY COMMISSION EXPIRES			
Buch	& Blund	5-23-06			
NOTAFY PUBLIC N	ME (TYPED OR PRINTED)		1		
BEVERL	Y A. BLANT)			
FOR DEPARTMENT-USE ONLY: APPROVED BY			4	EXPIRATION	4
may 5	2-9-0	1 32		1-3/	1-25
MO 780-1780 (12-02)					



RECEIVED

MAR 2 1 2003



MISSOURI DEPARTMENT OF NATURAL RESOURCES LAND RECLAMATION COMMISSION SITE INFORMATION FORM

MISSOURI LAND
RECLAMATION COMMISSION

The state of the s				RECLAMATION COMMISSION	
To be completed for each separate a	rea of disturbance assoc	iated with mining operation	IS.		
SITE NAME OR NUMBER		PERMIT NUMBER			
Site #1		0321			
COMPANY NAME					
Continental Cement Comp	any, L.L.C.				
COUNTY		SECTIO	N		
Ralls		2.3.4	4,9,10,11,12,13,14		
TOWNSHIP	RANGE		ACRES		
ECN	4w		691		
56N RIVER OR STREAM NAME (FOR IN-STREAM			1031		
NA MINERAL COMMODITY		ESTIMATED TONS/YE	AR (FOR GRAVE)	SITES)	
		NA NA			
Limestone		NA .			
NAME OF LANDOWNER (ATTACH LIST IF MO	ORE THAN ONE)				
Continental Cement Comp	any, L.L.C.				
ADDRESS		· · · · · · · · · · · · · · · · · · ·			
10107 Highway 79					
СПУ		STATE		ZIP CODE	
Hannibal		мо		63401	
SOURCE OF RIGHT TO MINE (CHECK ONE):				DATE OF AGREEMENT	
MINERAL DEED		LEASE			
WARRANTY DEED		VERBAL AGREEMENT			
OTHER (DESCRIBE):					
MINERAL RIGHTS OWNER (ATTACH LIST IF	WUME IMAN UNE)				
Continental Cement Comp	any, L.L.C.				
ADDRESS					
10107 Highway 79					
СПУ		STATE		ZIP CODE	
Hannibal		мо		63401	
SOURCE OF RIGHT TO MINE (CHECK ONE):				DATE OF AGREEMENT	
MINERAL DEED		LEASE			
WARRANTY DEED					
OTHER (DESCRIBE):					
NOTE: Each site must be shown on a	a map and be included in	a public notice and an app	proved mine pl	an.	
MO 780-1036 (11-00)			***************************************		



MISSOURI DEPARTMENT OF NATURAL RESOURCES LAND RECLAMATION COMMISSION **MINE PLAN**



MAR 2 1 2003

P.O. BOX 176 JEFFERSON CITY, MO 65102-0176

	MISSOURI LAND
TYPE OF PLAN (CHECK ONE): SHORT TERM, FOR ONE PERMIT YEAR	SECLAMATION COMMISSION COMPANY NAME
	33
☑ LONG TERM, FOR PERIOD THROUGH DATE:	
DESCRIPTION OF SITE PRIOR TO LAND RECLAMATION COMMISS VEGETATION AND TOPOGRAPHY.	SION PERMITTING (BY APPLICANT OR PRIOR OPERATOR), INCLUDING SOIL,
Rolling hills and valleys. Soil consists	of cherty limestone residuum and a thin
veneer of glacial till. Vegetation is dom:	ninated by woodlands and native grasses.
OPERATION PLAN - 10 CSR 40-10.020(2)(D)1.	
A. TOPSOIL	
AVERAGE DEPTH OF TOSPOIL, PRIOR TO LAND RECLAMATION O	COMMISSION PERMITTING IS TOPSOIL TO BE SOLD OR DISCARDED OFFSITE?
DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL REM	
The soil will be removed with scrapers ass	sisted by bulldozers.
·	
	`
DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL STO	OARGE AND PROTECTION
The topsoil will be graded to 3:1 slopes a	and seeded to prevent erosion. Some
topsoil will be used for current land recl	
•	

RECEIVED

B. SPOIL		WAR 2 1 2003
DESCRIBE METHODS	S AND LOCATION OF SPOIL PLACEMENT AND DISPOSAL	MISSOURI LAND RECLAMATION COMMISSION
Spoil will be	used as fill material in other permitted locations and eventually covered with topsoil and seeded to	or will be piled in
C. ACID MATERIALS DESCRIBE METHODS	S AND EQUIPMENT USED FOR HANDLING ACID MATERIALS (IF NONE IS ANTICIP	ATED, WRITE "NONE" BELOW)
None		
	N (GIVE ALL DIMENSIONS IN FEET)	
See Maps	N AND OREINTATION OF PIT, IF NOT CLEAR ON SITE MAPS	
YES NO		
X	Will any excavation be at or within fifty feet (50') of the right-of-way of	f any public road?
X	Will any highwall consisting of unconsolidated materials be left within public road? (NOTE: For unconsolidated materials left in place, a slot start near the right-of-way, and in no case may the excavation be cloor twenty-five feet plus one and one-half (1 ½) times the depth of ungreater, unless a variance is granted by the Commission.)	ope of no more than forty degrees may ser to the right-of-way than fifty feet
X	Will any excavation start at or within fifty feet (50') of any property line (NOTE: If the answer is "YES", a safety barrier may be needed.)	9?

MO 780-1327 (01-02)

PERMIT NO. ______ SITE NO +/OR NAME _____ Site #1

Page 2 of 5

MAR 2 1 2003

A. RECLAMATION PLAN - 10 CSR 40-10.	020(2)(D)2.		M	IISSOURI LAND
REVEGETATION (Attach additional sheets,	if needed)			MATION COMMISSIO:
REVEGETATION (Attach additional sheets,	PURPOSE OR LAND USE	T	SEEDING OR PLANTING TIME	
Mix #1	Wildlife Cover		Fal1	
DESCRIBE METHODS AND EQUIPMENT	TO BE USED FOR SEEDING OF	PLANTING		
Broadcast Method				
Lime and fertilizer will be applied according exceeding 5:1.	to recommendations based upon	soil test analyses	from a qualified soils lab. Mulch will	be applied to all slopes
SEEDED SPECIES	POUNDS / ACRE	TRE	E OR SHRUB SPECIES	STEMS / ACRE
Kentucky 31 tall fescue Perennial Rye Annual Rye Timothy Ladino Red Clover	15 3.75 3.75 2.5 5.0			
REVEGETATION MIX #2	PUPOSE OR LAND USE	L	SEEDING OR PLANTING TIME	
Lime and fertilizer will be applied according exceeding 5:1.			s from a qualified soils lab. Muich wil	I be applied to all slopes
SEEDED SPECIES	POUNDS / ACRE	TRE	E OR SHRUB SPECIES	STEMS / ACRE

Page 3 of 5

PERMIT NO

ATTACH ADDITIONAL SHEETS FOR ADDITONAL SEED MIXES.

0321

SITE NO LOR NAME Site #1

MAR 2 1 2003

B. GRADING	MISSOURI LAND
DESCRIBE PROPOSED RECLAIMED TOPOGRAPHY, INCLUDING SLOPES	RECLAMATION COMMISSION
Areas are returned to rolling hill topography as much as possible near a 3:1 slope.	ble holding to
C. DESCRIBE THE GENERAL SEQUENCE AND TIMING OF THE FOLLOWING ACTIVITIES	
GRADING	
Grading will be done in mined out areas following sufficient f	ace advancement.
REPLACEMENT OF TOPSC	
Topsoil will be placed during stripping processes.	
REVEGETATION	
Topsoil is seeded immediately after placement and grading.	
AVERAGE DEPTH OF REPLACED TOPSOIL (INCHES)	
D. USE OF LAND WHEN RECLAIMED	
Estimate acreage of each land use below, after reclamation	ESTIMATED ACRES:
Wildlife (forest or other habitat with livestock excluded)	691
Agriculture (pasture, cropland, and horticultural)	
Development (residential, industrial and recreational)	
Water impoundments (for wildlife, agricultre, or development)	
MO 780-1327 (01-02) PERMIT NO SITE NO +/OR NAME	Site #1 Page 4 of S

MAR 2 1 2003

MISSOURI LAND
RECLAMATION COMMISSION

By my signature, I attest to the following:

- 1. All statements made on this Mine Plan Form are correct, complete, and true, to the best of my knowledge.
- 2. I or the company I am authorized to represent intends to mine in accordance with this Mine Plan Form, and in accordance with the Missouri Land Reclamation Act, Sections 444.760 through 444.790, RSMO 2001, and all rules, regulations, orders, decisions and permits of the Missouri Land Reclamation Commission pertaining to my company's surface mining operations.
- 3. I have obtained the approval of all landowner's, (for all lease agreements made after August 28, 1990 on leased land) for all proposed post-mining land uses.
- 4. I have obtained the approval of all landowner's, (for all lease agreements made after August 28, 1990 on leased land) for all proposed seed mixtures.
- 5. I have a valid agreement with all landowners which gives me the right to grant access to the Director of the Missouri Land Reclamation Commission and authorized representatives, and I grant such access, and further where I have no such right, I have attached signed affidavits from the landowners, granting such access.

SIGNATURE OF APPLICANT		'''E		DATE
2000		Mgr-Engineering & Minin		2/18/03
NOATRY PUBLIC EMBOSSER SEAL	STATE		COUNTY (OR CITY	OF ST. LOUIS)
	Missouri		Ral1s	
	SUBSCRIBED AND SV	VORN BEFORE ME, THIS	·	
	th 19 DAY OF C	Lebruary 2003	USE RUBBER STAMP IN CLEAR AREA BELOW	
	Benery a.	/ FYPIRES	BEVERLY ANN BLAND	
	BEUERLY	ME (TYPED OF PRINTED) State of Mile Marion Co		bilo - Notary Seal of Missouri ion County Expires May 23, 2006
DECENDERATION LIA LISE ONE PARTY	775-77-7440	\$ # (E) \$ (E) 19 P F (G) 4 P		RESIDERSHUMBER

MO 780-1327 (01-02)

PERMIT NO.

0321

SITE NO +/OR NAME

Site #1

Page 5 of 5



SITE INFORMATION FO			ות	ECFIVE	
To be completed for each separate area of	f disturbance associate	ed with mining operati	ons.		
SITE NAME OR NUMBER		PERMIT NUMBER		JUL 0 2 1998 D	
Biermann		032./	REGIAN	MISSOURI LAND	
company name Centinental Co country Gasconalo	ement		······································	MISSOURI LAND MATION COMMISSION	
COUNTY	1/4 SECTION		SECTION		
Casconado	Sw			17	
TOWNSHIP	RANGE	4	ACRES		
422	44)	2	we Stotel	
RIVER OR STREAM NAME (FOR IN-STREAM ACRES		ESTIMATED TONS/YEAR			
Fire Clay			- Co. Start Wilderland and Branch and and a spanning of		
NAME OF LANDOWNER (ATTACH LIST IF MORE TH	IAN ONE)	*****			
	INIT ONE)				
Louis Roques ADDRESS		-			
R+ 1-Box 153 GITY Rosebul	3				
CITY		STATE	· · · · · · · · · · · · · · · · · · ·	ZIP CODE	
Loselux		no		63081	
SOURCE OF RIGHT TO MINE (CHECK ONE):				DATE OF AGREEMENT	
MINERAL DEED		LEASE	9-25-45		
WARRANTY DEED		VERBAL AGREEMEN	т		
OTHER (DESCRIBE):					
MINERAL RIGHTS OWNER (ATTACH LIST IF MORE					
ADDRESS	(ena)				
POSOX 517					
		STATE		ZIP CODE	
Owensville		dis		65066	
SOURCE OF RIGHT TO MINE (CHECK ONE):				DATE OF AGREEMENT	
MINERAL DEED		LEASE		6-25-96	
WARRANTY DEED	c, , , , ,	VERBAL AGREEMEN	т	L	
OTHER (DESCRIBE):	it clain				

NOTE: Each site must be shown on a map and be included in a public notice and an approved mine plan.

MO 780-1036 (12-91)

MINE PLAN	MISSOURIE JEFFERSON CITY, MO 65102
TYPE OF PLAN (CHECK ONE): SHORT TEHM, FOR ONE PLRMIT YEAR LONG TERM, FOR PERIOD THROUGH DATE.	RECLAMATION COMMISSION
DESCRIPTION OF SITE PRIOR TO LAND RECLAMATION COMMISSION AND TOPOGRAPHY	(200) ION PERMITTING (BY APPLICANT OR PRIOR OPERATOR), INCLUDING SOIL, VEGETATION
	it to stope, henoily wooded it & 4"
pit stripped pri	or to CCC onvnership.
OPERATION PLAN - 10 CSR 40-10.020(2)(D)1.	
AVERAGE DEPTH OF TOPSOIL, PRIOR TO LAND RECLAMATION CO	OMMISSION PERMITTING IS TOPSOIL TO BE SOLD OR DISCARDED OFFSITE?
DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL REMO Stripped prive to C apparently a dop the ts,	DVAL
DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL STOR.	
apparently the	- That's where I
	- That's where I
found it.	

ij

		<u> </u>
B. SPO	IL	
DESCRIB	E METHODS	S AND LOCATION OF SPOIL PLACEMENT AND DISPOSAL Complete + reclaimed
	Spor	construct dan.
	10	construct dan.
	•	DECES
		KECEIVED
		Receive D
		MISSOURI LAND
		RECLAMATION COMMISSION
C. ACII	D MATER	IALS
DESCRIB	E METHOD	S AND EQUIPMENT USED FOR HANDLING ACID MATERIALS (IF NONE IS ANTICIPATED, WRITE "NONE" BELOW)
İ		none
i		
PIT	INFORMA	ATION (GIVE ALL DIMENSIONS IN FEET)
		N AND ORIENTATION OF PIT, IF NOT CLEAR ON SITE MAPS
		see my
ļ		
YES	NO	
,,,,		
	Ø	Will any excavation be at or within fifty feet (50') of the right-of-way of any public road?
	A	Will any highwall consisting of unconsolidated materials be left within fifty feet of the right-of-way of any
	دعر	public road? (NOTE: For unconsolidated materials left in place, a slope of no more than forty degrees may
		start near the right of way, and in no case may the excavation be closer to the right of way than fifty feet
		or twenty-five feet plus one and one-half (1-1/2) times the depth of unconsolidated material, whichever is greater, unless a variance is granted by the Commission.)
1	,	greater, unless a variance is granted by the Commission,
	9	Will any excavation start at or within fifty feet (50') of any property line?

RECLAMATION PLAN - 10 CSR 40-10. A. REVEGETATION (Atlach addition			<i></i>	
REVEGETATION MIX #1	PURPOSE OR LAND USE	8.5	EEDING OR PLANTIN	
	Wild lite		all 97	spring 98
DESCRIBE METHODS AND EQUIPMENT TO BE	USED FOR SEEDING OR PLANT	NG ,		. /
1. Dozer te gran 2. Disc to prej	pare seed	bed	REC	EIVED 0 2 1998
3. notill seeder				SOURI LAND ION COMMISSION
4. Straw mulch				
Lime and fertilizer will be applied account be applied to all slopes exceeding to	-	s made, based on an analys	is of soil textur	e and nutrients. Mulch
SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SP	ECIES	STEMS/ACRE
Ordiard	10			
Ludino	2			
red claver	2			. \$
Horem Losp	10			
Fescue	30			
VEGETATION MIX #2	PURPOSE OR LAND USE	į.	EEDING OR PLANTIN	~ / I
DESCRIBE METHODS AND EQUIPMENT TO BE	LISCO FOR SEEDING OR DI ANTI		spring E	8
			tion of	15+
Minimal ton seeding succes	s. je ti	ller, disc,	rake,	Houd seed
Lime and fertilizer will be applied acco will be applied to all slopes exceeding s	ording to recommendations			
SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SP	ECIES	STEMS/ACRE
Same cela	ve-	•.		
ATTACH ADDITIONAL SHEETS FOR	ADDITIONAL SEED MIXE	5.		
MO 780-1327 (12-01)				PAGE 3 OF 8

the depleted pit lies on a very slope. Good vegetation cover has taken hold in the area around the dam. Solid stone walls will desce water level.	jentle ilseally pit and ond to
	ECEIVED JUL 0 2 1998 MISSOURI LAND MATION COMMISSION
C. DESCRIBE THE GENERAL SEQUENCE AND TIMING OF THE FOLLOWING ACTIVITIES	<u> </u>
REPLACEMENT OF TOPSUIL COMPLETE REVEGETATION 1.5+ + 15+ Colling) 110 Consult To	
revegeration 1st + 1st follow up complete - lit required me area will be reserved to vegetation.	establish
AVERAGE DEPTH OF REPLACED TOPSOIL (INCHES)	rus - waren
D. USE OF LAND WHEN RECLAIMED	
Estimate acreage of each land use below, after reclamation	ESTIMATED ACRES:
Wildlife (forest or other habitat with livestock excluded)	4
Agricultural (pasture, cropland, and horticultural)	0
Development (residential, industrial, and recreational)	0
Water impoundments (for wildlife, agricultural, or development)	/
MO 780-1327 (12-91)	PAGE 4 OF 5

B. GRADING

DESCRIBE PROPOSED RECLAIMED TOPOGRAPHY, INCLUDING SLOPES

By my signature, I attest to the following:

MO 780-1327 (12-91)

- 1. All statements made on this Mine Plan Form are correct, complete, and true, to the best of my knowledge.
- 2. For the company I am authorized to represent intend(s) to mine in accordance with this Mine Plan Form, and in accordance with the Missouri Land Reclamation Act, Sections 444.760 through 444.789, RSMo (Supp. 1990), and all rules, regulations, orders, decisions and permits of the Missouri Land Reclamation Commission pertaining to my company's surface mining operations.
- 3. I have obtained the approval of all landowner's for all proposed post-reclamation land uses.
- 4. I have a valid agreement with all landowners which gives me the right to grant access to the Director of the Missouri Land Reclamation Commission and his authorized representatives, and I grant such access, and further where I have no such right, I have attached signed affidavits from the landowners, granting such access.



PAGE SUPS

	SIGNATURE OF APPLICANT		TITLE	····	7/1/C/	
	NOTARY PUBLIC EMBOSSER SEAL	STATE	Quaryton	COUNT	TY (OR CITY OF ST. LOUIS)	\dashv
	JOANN C BARCH	SUBSCRIBED AND SWORN BEFORE			Asconade	
	STATE OF MISSOURI	DAY OF	July 1998	USE	Rubber Stamp in Clear Area Belov	¥
GASCONADE COUNTY MY COMMISSION EXP. SEPT 15,2001		MATARY PUBLIC SIGNATURE Sun C. Ba	/ MY COMMISSION EXPIRES 2-15-2001		JOANN C BARCH Notary Public - Notary Seal STATE OF MISSOURI	
	,	JOANN C. Barc			GASCONADE COUNTY MY COMMISSION EXP. SEPT 15,2001	
	APPROVED BY (DIRECTOR'S REPR	ESENTATIVE)	DATE APPROVED		PERMIT NUMBER	٦
	facility De-		1-55-98		032 /	



MISSOURI DEPARTMENT OF MATURAL RESOURCES LAND RECLAMATION COMM TON SITE INFORMATION FORM

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TE NAME OH NUMBEH	••• · · · · · • • • • • • • • • • • • •	PERMIT NUMBER	RECEIVED
CREWS PIT No. 1		0321	
OMPANY NAME	aggio structura esta tra compania de la compania del compania de la compania de la compania del compania de la compania del compania de la compania de la compania de la compania del compania de la compania del compan		MISSOURI LAND RECLAMATION COMMISSION
Continental Cement	Company		TO WOODS ON
OUNTY	1/4 SECTION	Si	ECTION
Franklin	NW		24
OWNSHIP	RANGE	A	CRES
42 N	4W		Lexpansion 2.
IVER OR STREAM NAME (FOR IN-STREAM	A ACRES)		
NA			
INERAL COMMODITY		ESTIMATED TONS/YEAR (FOR	GRAVEL SITES)
Fire Clay		N/A	
	The state of the s		
AME OF LANDOWNER (ATTACH LIST IF	ACIDA TARAN CANA	44 (14 H) 1 4 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
it No. 1 - Gary Sieker,	NOTE THAN ONE)		
ODAESS	The state of the s		
607 5 Pine P.	0. Box 184		
ITY	Andread any second district delegant department of the contract of the contrac	STATE	ZIP CODE
Gerald		Mo	63037
OURCE OF RIGHT TO MINE (CHECK ONE	*)	The state of the s	DATE OF AGREEMENT
MINERAL DEED		LEASE	4/9/58
WARRANTY DEED		VEHUAL AGHLEMENT	
OTHER (DESCRIBE)	· Marie communication and communication of the comm	ME SHEET - 1 Common - 41 - Intervaling Secretary and a second data of developments	Philip residents dell'atticulare s'elleration dell'annone dell'ann
INERAL RIGHTS OWNER (ATTACH LIST	IF MORE THAN ONE)		
Continental Coment	Cam many		
LANIINCNITI (CINCNI			
DORESS			
DORESS			
DOMESS P.O. BOX 517		SIATE	ZIP CODE
P.O. Box 517		STATE	ZIP CODE
DOAESS P.O. BOX 517 Owensville		MO	65064
DORESS P.O. BOX 517 ITY OWENS VILL DURGE OF RIGHT TO MINE (CHECK ON)	Ξ)	Mo	CSOCC DATE OF AGREEMENT
DORESS P.O. BOX 517 ITY OWENS VILL DURCE OF RIGHT TO MINE (CHECK ONI MINERAL DEED	Ē1	MO LEASE	65064
DORESS P.O. BOX 517 ITY OWENS VILL DURCE OF RIGHT TO MINE (CHECK ON)		MO	CSOCC DATE OF AGREEMENT

P O BOX 176 JEFFERSON CITY, MO 651W

YPE OF PLAN (CHECK ONE)	
SHORT TERM, FOR ONE PERMIT YEAR	
LONG TERM, FOR PERIOD THROUGH DATE 6/17/02	
DESCRIPTION OF SITE PRICE TO LAND RECLAMATION COMMISSION PERMITTING (BY APPLICANT OR LAND TOPOGRAPHY	TPHIOR OPERATOR), INCLUDING SOIL, VEGETATION
The site is situated on a gentle slope ranging fi	rom 2° to 4° Fesche was
the prominent vegetation observed. Topsoil ranges t	rom o" to R" in depth.
Overlain by the topsoil is an unconsolidated alluviu	
and red, bondy clay. This alluvial layer averages below which lies the fire clay deposit.	s 8' in depth, directly
selow which lies the fire clay deposit.	, ,
•	
DPERATION PLAN - 10 CSR 40-10.020(2)(D)1.	
L TOPSOIL	
VERAGE DEPTH OF TOPSOIL, PRIOR TO LAND RECLAMATION COMMISSION PERMITTING	IS TOPSOIL TO BE SOLD OR DISCARDED OFFSITE?
0 - 8 INCHES	TYES OR NO
PESCHIBE METHODS AND EQUIPMENT USED FOR TOPSOIL REMOVAL	
Scrapers and dozers will remove and stockp	ile the topsoil

RECEIVED
FEB - 9 1998
MISSOURI LAND
RECLAMATION COMMISSION

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL STORAGE AND PHOTECTION

The topsoil pile will be seeded by a no-till Brillion seeder or equivalent. The seed mix will consist of wheat and fescue. Fertilizer will be applied if necessary. In addition, straw will be blown on to control erosion until vegetation has been established.

B. SP	OIL	
DESCR	BE METHOD	S AND LOCATION OF SPOIL PLACEMENT AND DISPOSAL
A	11 500	I will be used to construct a dam. The stripping project ce the spoil in it's final resting place. Once in place,
W	III PIA	The The sport in its final resting ! once in place,
C. AC	ID MATER	vill be spread over the spoil and seeded
Pi	LINFORM	ATION (GIVE ALL DIMENSIONS IN FEET)
		ON AND ORIENTATION OF PIT, IF NOT CLEAR ON SITE MAPS
3	see /	Maps
		RECEIVED FEB = 9 1998 MISSOURI LAND RECLAMATION COMMISSION
YES	NO (cz/	
	X	Will any excavation be at or within fifty feet (50') of the right-of-way of any public road?
	⊠́	Will any highwall consisting of unconsolidated materials be left within fifty feet of the right-of-way of any public road? (NOTE: For unconsolidated materials left in place, a slope of no more than forty degrees may start near the right of way, and in no case may the excavation be closer to the right of way than fifty feet or twenty-five feet plus one and one-half (1-1/2) times the depth of unconsolidated material, whichever is greater, unless a variance is granted by the Commission.)
0	Ø	Will any excavation start at or within fifty feet (50') of any property line? (NOTE: If the answer is "yes", a safety barrier may be needed.)

RECLAMATION PLAN - 10 CSR 40-10		non		
A. REVEGETATION (Attach addition	al sheets, if needed)			
REVEGETATION MIX #1	PUHPOSE OR LAND USE	ler impoundment	B SEEDING OR PLAN	HTING TIME
	Pasture Y Wal	er improvement	early spr	ing or tall
Once grading is a disced and narrowe then be seeded with			he area	will be
disced and narrowe	d with agricu	ler and ctran	ment. The	e area will
Then De Sceace With	,	AND SITA		C DIVA
on for erosion control	.			
Lime and fertilizer will be applied account will be applied to all slopes exceeding		s made, based on an an	alysis of soil tex	iture and nutrients. Mulch
SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB	SPECIES	STEMS/ACRE
Fescue K-31	40			
Ladino Clover	2	None		Nonc
Korcan Lesp.	10			·
Rye Grass	20			
VEGETATION MIX 82	PURPOSE OR LAND USE		B. SEEDING OR PLAN	YTING TIME
DESCRIBE METHODS AND EQUIPMENT TO BE	USED FOR SEEDING OR PLANT	ING	L	
			REG	CEIVED
				ISSOURI LAND NTION COMMISSION
Lime and fertilizer will be applied accountly be applied to all slopes exceeding	-	s made, based on an an	alysis of soil tex	ture and nutrients. Mulch
SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB	SPECIES	STEMS/ACRE
		•		
		1		

ATTACH ADDITIONAL SHEETS FOR ADDITIONAL SEED MIXES.

B. GRADING	<u> </u>
DESCRIBE PROPOSED RECLAIMED TOPOGRAPHY, INCLUDING SLOPES	
The result of reclamation should	yield about a 1 acce lake.
The dam and all slopes to the water	
THE dam and all slopes to the water	WIII NOT EXTEED 3.1.
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	MISSOURI LAND RECLAMATION COMMISSION
	NECEPTION OF THE PROPERTY OF T
C. DESCRIBE THE GENERAL SEQUENCE AND TIMING OF THE F Grading	
GRADING Grading Will be complete Within two of permit or initial permit renewal	Ive months after expiration
Grazing will be complete within 100	The months are expression
of permit or initial formit renewal	•
REPLACEMENT OF TOPSOIL	
Topsoil will be replaced on the gra	ded areas within the
•	
aforementioned time period.	
REVEGETATION	
All areas where topsoil is replaced u	jill be seeded in spring or tall.
All Richard Model of Joyces in the	
AVERAGE DEPTH OF HEPLACED TOPSOIL (INCHES)	
1-2" Plus subsoil for a total of 12" D. USE OF LAND WHEN RECLAIMED	
	ESTIMATED ACRES:
Estimate acreage of each land use below, after reclamation	
Wildlife (forest or other habitat with livestock excluded)	1
Agricultural (pasture, cropland, and horticultural)	

MO 780-1327 (12-81).

Development (residential, industrial, and recreational)

Water impoundments (for wildlife, agricultural, or development)

0

0

By my signature, I attest to the following:

- 1. All statements made on this Mine Plan Form are correct, complete, and true, to the best of my knowledge.
- 2. I or the company I am authorized to represent intend(s) to mine in accordance with this Mine Plan Form, and in accordance with the Missouri Land Reclamation Act, Sections 444.760 through 444.789, RSMo (Supp. 1990), and all rules, regulations, orders, decisions and permits of the Missouri Land Reclamation Commission pertaining to my company's surface mining operations.
- 3. I have obtained the approval of all landowner's for all proposed post-reclamation land uses.
- 4. I have a valid agreement with all landowners which gives me the right to grant access to the Director of the Missouri Land Reclamation Commission and his authorized representatives, and I grant such access, and further where I have no such right, I have attached signed affidavits from the landowners, granting such access.

RECEIVED

MISSOURI LAND RECLAMATION COMMISSION

SIGNATURE DE PPLICANT	El	Mar- Ens	Mining 12/15/97
NOTARY PUBLICEMBOSSER SEAL	Missouri SUBSCRIBED AND SWORN BEFORE ME, TH		COUNTY (OR CITY OF ST. LOUIS) Ralls
	15th DAY OF Decemb	per 19 97	USE RUBBER STAMP IN CLEAR AREA BELOW
	Beverly a. Blune	MY COMMISSION EXPIRES 5-20-98	
	NOTARY PUBLIC NAME (TYPED OR PRINTED) Beverly A. Bland	· · · · · · · · · · · · · · · · · · ·	
APPROVED BY (DIRECTOR'S REP	RESENTATIVE)	DATE APPROVED	PERMIT NUMBER
MO 780-1327 (12-91)		1	PAGE 5 OF



MISSOURI DEPARTMENT OF NATURAL RESOURCES LAND RECLAMATION COMMITTION

K FEB - 9 1998

SITE INFORMATION FORM MISSOURI TAND To be completed for each separate area of disturbance associated with mining operation RECLAMATION COMMISSION SITE NAME OR NUMBER PEHMIT NUMBER No. 2 CREWS Pit 0321 Continental Cement Company SECTION NW HANGE Franklin MIVER OR STHEAM NAME (FOR IN-STHEAM ACHES) MINERAL COMMODITY ESTIMATED TONS/YEAH (FOR GRAVEL SITES) Fire Clay NAME OF LANDOWNEH (ATTACH LIST IF MOHE THAN ONE) -Gary Sieker, (Pit No. 2 - See attached list) ADUHLSS 607 5 Pinc P.O. Box 184 ZIP CODE Gerald 63037 SOUNCE OF HIGHT TO MINE (CHECK ONE) MINEHAL DEED LEASE 4/9/58 WANHANTY DEED VEHBAL AGHLEMENT OTHER (DESCRIBE) MINERAL HIGHTS OWNER (ATTACH LIST IF MUHE THAN UNE) Continental Coment Company P.O. BOX 517 ZIP CODE Owensville 1,5066 SOUNCE OF HIGHT TO MINE (CHECK ONE) I LLASE MINEHAL DEED 6/46 WANHANTY DEED VEHBAL AGHEEMENT DOTHER (DESCRIBE) Quit Claim - most recently NON⇔Each site must be shown on a map and be included in a public notice and an approved mine plan.

Land Owners List

Crews Pit No. 2 (Same Site Information as Crews Pit No. 1)

Nome of Landowner: James Froelker

Address: R.F.D. #2
City: Gerald

City: Gerald
State: Mo
Zip: 63037

Date of Ugreement: 4/9/58

RECEIVED

MISSOURI LAND RECLAMATION COMMISSION

-141 SO SHEETS -142 100 SHEETS -144 ,200 SHEETS



TYPE OF PLAN (CHECK ONE).

P O BOX 176 JEFFERSON CITY, MO 65102

LJ SHORT TERM, FOR ONE PERMIT TEAR LI LONG TERM, FOR PERIOD THROUGH DATE ///////		ļ
Description of site price to Land Heclamation Commission Permitting (BY applicant OR and topography The site is situated on a gentle slope ranging from the prominent vegetation observed. Topsoil ranges for Dverlain by the topsoil is an unconsolidated alluviue and red, bondy clay. This alluvial layer averages below which lies the fire clay deposit.	om 2° to 4° Fescue was om 0" to 8" in depth. on composed of gravel	
OPERATION PLAN - 10 CSR 40-10.020(2)(D)1. A. TOPSOIL AVERAGE DEPTH OF TOPSOIL, PRIOR TO LAND RECLAMATION COMMISSION PERMITTING 0-8 INCHES	IS TOPSOIL TO BE SOLD OR DISCARDED OFFSITE?	
	LI YES OR KI NO	
Scrapers and dozers will remove and stockpi	le the topsoil	

RECEIVED FEB - 9 1998

MISSOURI LAND RECLAMATION COMMISSION

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL STORAGE AND PROTECTION

The topsoil pile will be seeded by a no-till Brillian seeder or equivalent. The seed mix will consist of wheat and fescue. Fertilizer will be applied if necessary. In addition, straw will be blown on to control erosion until vegetation has been established.

B. SPO	E METHOD	is and location of spoil placement and disposal il will be used to construct a dam. The stripping project ace the spoil in it's final resting place. Once in place,	
tops	soil u	vill be spread over the spoil and seeded	
		•	
	D MATE		-
DESCRIB		IS AND EQUIPMENT USED FOR HANDLING ACID MATERIALS (IF NONE IS ANTICIPATED, WRITE "NONE" BELOW)	
	No	ne	
			-
DIT	WEORM	ATION (GIVE ALL DIMENSIONS IN FEET)	ł
		ON AND ORIENTATION OF PIT, IF NOT CLEAR ON SITE MAPS	-
5	ce /	Maps	
		Decemb	
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		FEB - 9 1998 D	
		MISSOURI LAND RECLAMATION COMMISSION	
		WEST ARMON A SOLVANION	
			ĺ
YES	NO		
	Ø	Will any excavation be at or within fifty feet (50') of the right-of-way of any public road?	
	\boxtimes	Will any highwall consisting of unconsolidated materials be left within fifty feet of the right-of-way of any	
	בט	public road? (NOTE: For unconsolidated materials left in place, a slope of no more than forty degrees may start near the right of way, and in no case may the excavation be closer to the right of way than fifty feet or twenty-five feet plus one and one-half (1-1/2) times the depth of unconsolidated material, whichever is greater, unless a variance is granted by the Commission.)	
M		Will any excavation start at or within fifty feet (50') of any property line?	

MO 780-1327 (12-91)

	\smile		J		
RECLAMATION PLAN - 10 CSR 40-	10.020(2)(D)2.				
A. REVEGETATION (Allach addit					
REVEGETATION MIX 01	Purpose or land use Pasture Y Wat	ater impoundment larly sp		manting time pring or fall	
DESCRIBE METHODS AND EQUIPMENT TO	be used for skeding or flant	ING	,	•	
Once grading is disced and narrow	Completed wi	th dozers, t	he area	will be	
disced and narrow	led with agricu	Iltural equip	ment. Th	e area will	
then be seeded with	a no-till seco	der and stran) w.//	be blowa	
on for erosion contra	, /.				
Lime and fertilizer will be applied ac will be applied to all slopes exceeding		s made, based on an an	alysis of soil te	exture and nutrients. Mulch	
SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB	SPECIES	STEMS/ACRE	
Fescue K-31	40				
Ladino Clover	2	None		None	
Korean Lesp.	10	None		None	
Rye Grass	20				
VEGETATION MIX #2	PURPOSE OR LAND USE	B. SEEDING OR PL		ANTING TIME	
DESCRIBE METHODS AND EQUIPMENT TO	BE USED FOR SEEDING OR PLANTI	ING	<u> </u>		
			DEC	EIVE	
			IN FEB	- 9 ₁₉₉₈ D	
			AAISS	DURI LAND	
				DURITAND ON COMMISSION	
ime and fertilizer will be applied ac	cording to recommendations	s made, hased on an an			
will be applied to all slopes exceeding		made, based on an an	217313 OI 3011 (G	VIDIO BIO HOUISINS. MOCH	
SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB	SPECIES	STEMS/ACRE	
	1			į l	

ATTACH ADDITIONAL SHEETS FOR ADDITIONAL SEED MIXES.

DESCRIBE PROPOSED RECLAIMED TOPOGRAPHY, INCLUDING SLOPES

The result of reclamation should yield about a 1 acre lake. The dam and all slopes to the water will not exceed 3:1.



MISSOURI LAND RECLAMATION COMMISSION

C. DESCRIBE THE GENERAL SEQUENCE AND TIMING OF THE FOLLOWING ACTIVITIES

Grading will be complete within twelve months after expiration of permit or initial permit renewal.

REPLACEMENT OF TOPSOIL

Topsoil will be replaced on the graded areas within the aforementioned time period.

REVEGETATION

All areas where topsoil is replaced will be seeded in spring or fall.

AVERAGE DEPTH OF REPLACED TOPSOIL (INCHES) 1-2" Plus subsoil for a total of 12" D. USE OF LAND WHEN RECLAIMED **ESTIMATED ACRES:** Estimate acreage of each land use below, after reclamation Wildlife (forest or other habitat with livestock excluded) Agricultural (pasture, cropland, and horticultural) 0 Development (residential, industrial, and recreational) 0 Water impoundments (for wildlife, agricultural, or development)

By my signature, I attest to the following:

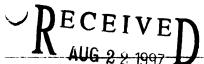
- 1. All statements made on this Mine Plan Form are correct, complete, and true, to the best of my knowledge.
- 2. 1 or the company I am authorized to represent intend(s) to mine in accordance with this Mine Plan Form, and in accordance with the Missouri Land Reclamation Act, Sections 444.760 through 444.789, RSMo (Supp. 1990), and all rules, regulations, orders, decisions and permits of the Missouri Land Reclamation Commission pertaining to my company's surface mining operations.
- 3. I have obtained the approval of all landowner's for all proposed post-reclamation land uses.
- 4. I have a valid agreement with all landowners which gives me the right to grant access to the Director of the Missouri Land Reclamation Commission and his authorized representatives, and I grant such access, and further where I have no such right, I have attached signed affidavits from the landowners, granting such access.

RECEIVED

MISSOURI LAND
RECLAMATION COMMISSION

SIGNATURE DE APPRICAN	lle	Mar-Ey +	Minim 12/15/97
NOTARY PUBLIC EMBOSSER SEAL	STATE Missouri SUBSCRIBED AND SWORN BEFORE ME, TH	ıs	Ralls
	15th DAY OF Decem NOTARY PUBLIC SIGNATURE Burnly A. Blum NOTARY PUBLIC NAME (TYPED OR PRINTED)	ber 19 97 MY COMMISSION EXPIRES 5-20-98	USE RUBBER STAMP IN CLEAR AREA BELOW
APPROVED BY (DIRECTOR'S REPR	Beverly A. Bland ESENJATIVE)	DATE APPROVED 3/25/48	PERMIT NUMBER 321
MO 780-1327 (12-91)		<u> </u>	PAGE 5 OF 5





SITE NAME OR NUMBER		PERMIT NUMBER	RECLAMATION COMMISSION
E. Lacy Pit No. 2 /	Mine 162	032/	The Continue of the Continue o
COMPANYNAME			
Continental Cemen	t Company		
COUNTY	1/4 SECTION		SECTION
Gasconade	NW RANGE		/3
TOWNSHIP	RANGE		ACRES
41 N	6 h	/	1.0
RIVER OR STREAM NAME (FOR IN-STRE	EAM ACRES)		
NA			
MINERAL COMMODITY		ESTIMATED TONS/YEA	R (FOR GRAVEL SITES)
Fire Class		NA	
Fire Clay		NIT	
NAME OF LANDOWNER (ATTACH LIST	IF MORE THAN ONE)		
Richard Witte			
ADDRESS			
Route 1			
CITY	Andreador - Care y Amaginina and	STATE	ZIP CODE
Bland		MO	65014
SOURCE OF RIGHT TO MINE (CHECK O	ONE):		DATE OF AGREEMENT
MINERAL DEED		LEASE	1/13/6/
WARRANTY DEED		VERBAL AGREEMEN	
OTHER (DESCRIBE):			
MINERAL RIGHTS OWNER (ATTACH LIS	ST IF MORE THAN ONE)		
Continental Ceme	ent Commun		
ADDRESS	MI Conjung		
DO ROY SIT			
P.O. BOX 517		STATE	ZIP CODE
		Mo	65066
Owensville		7-10	
SOURCE OF RIGHT TO MINE (CHECK O MINERAL DEED	ONE):	—	DATE OF AGREEMENT
<u>`</u>		LLEASE	12/93
WARRANTY DEED		L VERBAL AGREEMEN	NT
OTHER (DESCRIBE).			



MISSOURI DEPARTMENT OF TURAL RESOURCE DECEIVE LAND RECLAMATION COMMISSION

P O BOX 178 JEFFERSON CITY, MO 65102

TYPE OF PLAN (CHECK ONE): MISSOURI LAND SHORT TERM, FOR ONE PERMIT YEAR RECLAMATION COMMISSION 6-17-2002 LONG TERM, FOR PERIOD THROUGH DATE. DESCRIPTION OF SITE PRIOR TO LAND RECLAMATION COMMISSION PERMITTING (BY APPLICANT OR PRIOR OPERATOR), INCLUDING SOIL, VEGETATION AND TOPOGRAPHY The site is situated on a gentle slope ranging from 2° to 4° Fescue was the prominent vegetation observed. Topsoil ranges from O" to 8" in depth. Overlain by the topsoil is an unconsolidated alluvium composed of gravel and red, bondy clay. This alluvial layer averages 8' in depth, directly below which lies the fire clay deposit. OPERATION PLAN - 10 CSR 40-10.020(2)(D)1. A. TOPSOIL AVERAGE DEPTH OF TOPSOIL, PRIOR TO LAND RECLAMATION COMMISSION PERMITTING IS TOPSOIL TO BE SOLD OR DISCARDED OFFSITE? 0-8 YES OR NO DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL REMOVAL Scrapers and dozers will remove and stockpile the topsoil

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL STORAGE AND PROTECTION

The topsoil pile will be seeded by a no-till Brillian seeder or equivalent. The seed mix will consist of wheat and fescue. Fertilizer will be applied if necessary. In addition, straw will be blown on to control erosion until vegetation has been established.

AUG 2 2 1997
MISSOURI LAND

B. SPO		RECLAMATION COMMISSION
Al	5poi p/a	sand LOCATION OF SPOIL PLACEMENT AND DISPOSAL I Will be used to Construct a dam. The stripping Project ce the spoil in it's final resting place. Once in place, will be spread over the spoil and seeded
C ACI	NATED	IAI C
	MATER	S AND EQUIPMENT USED FOR HANDLING ACID MATERIALS (IF NONE IS ANTICIPATED, WRITE "NONE" BELOW)
DESCRIB		TION (GIVE ALL DIMENSIONS IN FEET) N AND ORIENTATION OF PIT, IF NOT CLEAR ON SITE MAPS
VEC	NO	
YES		
		Will any excavation be at or within fifty feet (50') of the right-of-way of any public road?
	Ø	Will any highwall consisting of unconsolidated materials be left within fifty feet of the right-of-way of any public road? (NOTE: For unconsolidated materials left in place, a slope of no more than forty degrees may start near the right of way, and in no case may the excavation be closer to the right of way than fifty feet or twenty-five feet plus one and one-half (1-1/2) times the depth of unconsolidated material, whichever is greater, unless a variance is granted by the Commission.)
	Ø	Will any excavation start at or within fifty feet (50') of any property line? (NOTE: If the answer is "yes", a safety barrier may be needed.)

MO 780-1327 (12-91)

PAGE 2 OF 5

AUG 2 2 1997 U

MISSOURITAND

RECLAMATION COMMISSION

lisced and narrow	ed with agricu	th dozers, the area ultural equipment. The lor and straw will	e area will
hen be seeded with	k a no-till seco	lor and straw will	be blown
for erosion contra	o/.		
ne and fertilizer will be applied a be applied to all slopes exceeding		s made, based on an analysis of soil te	exture and nutrients. Mi
SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE
escue K-31	40		
adino clover	2	None	None
Gorcan Lesp.	10		///
ye Grass	20		
			•
	PURPOSE OR LAND USE BE USED FOR SEEDING OR PLANT!	B. SEEDING OR PLA	ANTING TIME
			ANTING TIME
CRIBE METHODS AND EQUIPMENT TO	BE USED FOR SEEDING OR PLANTI		
CRIBE METHODS AND EQUIPMENT TO	BE USED FOR SEEDING OR PLANTI	ING	
cribe methods and equipment to be applied to all slopes exceeding	BE USED FOR SEEDING OR PLANT! coording to recommendations ng 5:1.	s made, based on an analysis of soil te	xture and nutrients. Mi
cribe methods and equipment to be applied to all slopes exceeding	BE USED FOR SEEDING OR PLANT! coording to recommendations ng 5:1.	s made, based on an analysis of soil te	xture and nutrients. Mi
ne and fertilizer will be applied as	BE USED FOR SEEDING OR PLANT! coording to recommendations ng 5:1.	s made, based on an analysis of soil te	xture and nutrients. Mi
ne and fertilizer will be applied as	BE USED FOR SEEDING OR PLANT! coording to recommendations ng 5:1.	s made, based on an analysis of soil te	xture and nutrients. Mo
l be applied to all slopes exceeding	BE USED FOR SEEDING OR PLANT! coording to recommendations ng 5:1.	s made, based on an analysis of soil te	xture and nutrients. Mu

RECLAMATION PLAN - 10 CSR 40-10.020(2)(D)2.

A. REVEGETATION (Attach additional sheets, if needed)

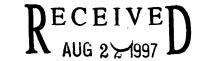
DECEIVE K AUG 2 2 1997 U

B. GRADING	UCC CURL AND
DESCRIBE PROPOSED RECLAIMED TOPOGRAPHY, INCLUDING SLOPES	ATION COMMISSION
The result of reclamation should yield about a	1 acre lake.
The dam and all slopes to the water will not exceed	d 3:1.
C. DESCRIBE THE GENERAL SEQUENCE AND TIMING OF THE FOLLOWING ACTIVITIES	
Grading will be complete within twelve months aft of permit or initial permit renewal.	ter expiration
REPLACEMENT OF TOPSOIL	
Topsoil will be replaced on the graded areas with aforementioned time period.	in the
a forementioned time for the	
REVEGETATION	A 11
All areas where topsoil is replaced will be seeded in	spring or fall.
AVERAGE DEPTH OF REPLACED TOPSOIL (INCHES) 1-2" Plus subsoil for a total of 12"	
D. USE OF LAND WHEN RECLAIMED	
Estimate acreage of each land use below, after reclamation	ESTIMATED ACRES:
Wildlife (forest or other habitat with livestock excluded)	0
Agricultural (pasture, cropland, and horticultural)	

Development (residential, industrial, and recreational)

Water impoundments (for wildlife, agricultural, or development)

0



MISSOURI LAND RECLAMATION COMMISSION

By my signature, I attest to the following:

- 1. All statements made on this Mine Plan Form are correct, complete, and true, to the best of my knowledge.
- 2. I or the company I am authorized to represent intend(s) to mine in accordance with this Mine Plan Form, and in accordance with the Missouri Land Reclamation Act, Sections 444.760 through 444.789, RSMo (Supp. 1990), and all rules, regulations, orders, decisions and permits of the Missouri Land Reclamation Commission pertaining to my company's surface mining operations.
- 3. I have obtained the approval of all landowner's for all proposed post-reclamation land uses.
- 4. I have a valid agreement with all landowners which gives me the right to grant access to the Director of the Missouri Land Reclamation Commission and his authorized representatives, and I grant such access, and further where I have no such right, I have attached signed affidavits from the landowners, granting such access.

	to the first transfer of the contract of the c	,		,
SIGNATURE OF APPRICANT	WR.	May Engl	Mining	6 N 97
NOT ARY PUBLIC EMPOSSER SEAL	STATE	<u> </u>	COUNTY (OR CIT	TY OF ST. LOUIS)
	MISSOURI SUBSCRIBED AND SWORN BEFORE ME, TH			RALLS
}	17th DAY OF June	₁₉ 97	USE RUBBEI	R STAMP IN CLEAR AREA BELOW
	Benerly A. Blund	MY COMMISSION EXPIRES 5-20-98		
	NOTARY PUBLIC NAME (TYPED OR PRINTED) Beverly A. Bland			
APPROVED BY (DIRECTOR'S REPR	ESENTATIVE)	DATE APPROVED		PERMIT NUMBER
Mohoe	1 Dehili	3/25/98	3	321



MISSOURI DEPARTMENT OF TURAL RESOURCES

LAND RECLAMATION COMMISSION

SITE INFORMATION FORM

RECEIVED

JUL 0 2 1998

To be completed for each separate area of d	listurbance associated	with mining operations	JUL 0 2 1998
SITE NAME OR NUMBER		PERMIT NUMBER	MISSOURI LAND
Graves		0321	RECLAMATION COMMISSION
COMPANY NAME			
Continental Contin	Ement		
COUNTY	1/4 SECTION		SECTION
Casconado	NE		<i>e4</i>
TOWNSHIP	RANGE		ACRES
42N	5W		2 3 to 4.1
RIVER OR STREAM NAME (FOR IN-STREAM ACRES)			
MINERAL COMMODITY		ESTIMATED TONS/YEAR (FO	DR GRAVEL SITES)
Fire Clan			
NAME OF LANDOWNER (ATTACH LIST IF MORE THAN	N ONE)		
William Jaffk			
ADDRESS		***************************************	
12926 Topin	a Estat		
12926 Toppin	/	STATE	ZIP CODE
St Louis		Mo	63131
SOURCE OF RIGHT TO MINE (CHECK ONE):			DATE OF AGREEMENT
MINERAL DEED		LEASE	8-11-64
WARRANTY DEED		VERBAL AGREEMENT	0-11-64
OTHER (DESCRIBE):			
·			

MINERAL RIGHTS OWNER (ATTACH LIST IF MORE TH			
Continental Ce	ment		
ADDRESS			
POBUL 517			
CITY		STATE	ZIP GODE
Ouversuille		Mo	65066
SOURCE OF RIGHT TO MINE (CHECK ONE):			DATE OF AGREEMENT
MINERAL DEED	1	LEASE	6-25-96
WARRANTY DEED	// .	VERBAL AGREEMENT	<u> </u>
DOTHER (DESCRIBE): Wuit	Clair	•	
NOTE: Each site must be shown on a map a	and be included in a p	ublic notice and an appr	oved mine plan.



MISSOURI DEPARTMENT OF TATURAL RESOURCES RECEIVED MINE PLAN

P.O. BOX 176 JEFFERSON CITY, MO 65102

PACE INTO ENGLIS	JET ENGOVERT, MO WIVE
TYPE OF PLAN (CHECK ONE):	MISSOURI LAND
SHORT TERM, FOR ONE PERMIT YEAR	RECLAMATION COMMISSION
E condition, route child trinobaltants.	
****	TING (BY APPLICANT OR PRIOR OPERATOR), INCLUDING SOIL, VEGETATION
The area was deusly	00 11 1 211
An an una delister	wooded with 6-8"
In alla was	c. / A hill
de + and I think	out lies alop a mil
diameter osher. This	
und The soil beauth of	tu lost cover is almost
wax jed on what	tu len cour is almost
MINIXIStant. Am Soct	turns to gravelocky,
redin color very som.	·
The state of the s	
,	
Mis pet was stripped	prior to Continental's purchase
OPERATION PLAN - 10 CSR 40-10.020(2)(D)1.	
A. TOPSOIL	
AVERAGE DEPTH OF TOPSOIL, PRIOR TO LAND RECLAMATION COMMISSION	PERMITTING IS TOPSOIL TO BE SOLD OR DISCARDED OFFSITE?
	INCHES YES OR NO
	INCHES LI TES ON LI NO
DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL REMOVAL	
0 11.60 11.00	to life the will next
millioner was wear	to pile the soil next
	·
to the pit.	
DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL STORAGE AND PF	
Appavently what little s beneath the the file	the the six
Asservently What little s	for com the 13
Marchay	
I the the elle	A overlarden No
seneath the	
separate sile 9 TS e	victe on SITO
Cenarale file 9 12 x	XIS TO L
+ 1 con This	+ another branties so
- I have seen 1413 a	, 200,-4
Tam assuming it.	is the same on this one.

B. SPO	IL	
		S AND LOCATION OF SPOIL PLACEMENT AND DISPOSAL
	any	eted jit or used for Dam building
	2	win in ac used the Dan Latter
1	KCHI	eted pit or was the sum building
C ACI	D MATER	
		AND EQUIPMENT USED FOR HANDLING ACID MATERIALS (IF NONE IS ANTICIPATED, WRITE "NONE" BELOW)
		۸ \
		None
		TION (ONE ALL DIMENSIONS IN EFFE)
		NAND ORIENTATION OF PIT, IF NOT CLEAR ON SITE MAPS
	<	see maps
	U	
		~
		DECEIVED
		302 0 2 1998
		MISSOURI LAND RECLAMATION COMMISSION
YES	NO	
	ď	Will any excavation be at or within fifty feet (50') of the right-of-way of any public road?
	Ø	Will any highwall consisting of unconsolidated materials be left within fifty feet of the right-of-way of any public road? (NOTE: For unconsolidated materials left in place, a slope of no more than forty degrees may
		start near the right of way, and in no case may the excavation be closer to the right of way than fifty feet
	/	or twenty-five feet plus one and one-half (1-1/2) times the depth of unconsolidated material, whichever is greater, unless a variance is granted by the Commission.)
		•
	لسك	Will any excavation start at or within fifty feet (50') of any property line? (NOTE: If the answer is "yes", a safety barrier may be needed.)

RECLAMATION PLAN - 10 CSR 40-10				
A. REVEGETATION (Attach addition REVEGETATION MIX #1	nal sheets, if needed) TPURPOSE OF LAND USE		B. SEEDING OR PL	ANTINO TIME
ACTEGETATION MIX ST	wildlife	Habo	SEEDING OF PU	CC
DESCRIBE METHODS AND EQUIPMENT TO BE	LICCO COD CCCDINO OD BLANTI	NO.		
DOZEV WILL be	used to go	vade the -	site, t	allowed
beg a disc.	a notice see	der will	seed	the avec
followed by.	Straw rules	y + a CI	imp.	
Lime and fertilizer will be applied account be applied to all slopes exceeding		made, based on an a	nalysis of soil te	exture and nutrients. Mulc
SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRU	B SPECIES	STEMS/ACRE
Ordened	2 0			
Ludino	2			
red diver	2			
lloren Lesp	10			
Fescue	20			
VEGETATION MIX #2	PURPOSE OR LAND USE		8. SEEDING OR PL	anting time 99 or Sprid
DESCRIBE METHODS AND EQUIPMENT TO BE	E USED FOR SEEDING OR PLANTI	NG	race	1 / 01 3/114
MITHUR WITH I	disc on tille	er or rai	he, scr	atch
Au Base Spot.	s to prep	are seed	Sed.	use
equipment Which	d will mini	mize dis	ruption	of Mix #1.
Lime and fertilizer will be applied according will be applied to all slopes exceeding		s made, based on an a	nalysis of soil te	xture and nutrients. Mulch
SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRU	B SPECIES	STEMS/ACRE
Same as	#/		RECF	2 1998
				URI LAND COMMISSION
		•		

ATTACH ADDITIONAL SHEETS FOR ADDITIONAL SEED MIXES.

depleted pit will become a Slopes will be aveated which themselves and establish ver	vill holde
tremelves and establish ve	getation.
	RECEIVED JUL 0 2 1998 MISSOURI LAND ECLAMATION COMMISSION
C. DESCRIBE THE GENERAL SEQUENCE AND TIMING OF THE FOLLOWING ACT	VITIES
Completed within 12 months of the permit or initial permit remember	
Within 12 months of permit exp Mined out portions	piration on all
REVEGETATION Fall 98 Follow up as required AVERAGE DEPTH OF REPLACED TOPSOIL (INCHES)	
12"	
D. USE OF LAND WHEN RECLAIMED	ESTIMATED ACRES:
Estimate acreage of each land use below, after reclamation	
Wildlife (forest or other habitat with livestock excluded)	2
Agricultural (pasture, cropland, and horticultural)	0
Development (residential, industrial, and recreational)	0
Water impoundments (for wildlife, agricultural, or development)	/
MO 780-1327 (12-91)	PAGE 4 OF

B. GRADING

DESCRIBE PROPOSED RECLAIMED TOPOGRAPHY, INCLUDING SLOPES

By my signature, I attest to the following:

- 1. All statements made on this Mine Plan Form are correct, complete, and true, to the best of my knowledge.
- 2. For the company I am authorized to represent intend(s) to mine in accordance with this Mine Plan Form, and in accordance with the Missouri Land Reclamation Act, Sections 444.760 through 444.789, RSMo (Supp. 1990), and all rules, regulations, orders, decisions and permits of the Missouri Land Reclamation Commission pertaining to my company's surface mining operations.
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 $m R^{ECEIVE}_{
m JUL~0~2~1998}
m D$

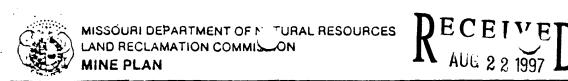
MISSOURI LAND
RECLAMATION COMMISSION

SIGNATURE OF APPLICANT		TITLE		DATE	
2 Mould	for CCC	Query fore		7/1/98	
NOTARY PUBLIC EMBOSSER SEAL (STATE .	/	COUNTY (OR CI	TY OF ST. LÓUIS)	
	Missouri		600	onade	
JOANN C BARCH	SUBSCRIBED AND SWORN BEFORE ME, TH		CHSC	bnade	
Notary Public - Notary Seal	DAY OF Jul	1998	USE RUBBE	R STAMP IN CLEAR AREA B	ELOW
STATE OF MISSOURI	OTARY PUBLIC SIGNATURE	MY COMMISSION		JOANN C BARCH	7
GASCONADE COUNTY MY COMMISSION EXP. SEPT 15,2001		EXPIRES	Not	ary Public - Notary Seel	
MY COMMISSION EAF. SEFT 13/2001	+ John - Dave	9-15-2001	5	TATE OF MISSOURI	
	NOTARY PUBLIC NAME (TYPED OR PRINTED)		G	ASCONADE COLINTY	1
	JOANN C. Barch		MY COM	IMISSION EXP. SEPT 15,2001	
APPROVED BY DIRECTOR'S REPR	RESENTATIVE)	DATE APPROVED		PERMIT NUMBER	
Junior 10	2	9-22-98		0321	
MO 780-1327 (12-91)				PAG	E 5 OF 5



~D	ECEIVE	1	
	hlif: 9 2 1007	J	

SITE NAME OR NUMBER		PERMIT NUMBER	MISSOURI LAND
F. Tacvie Dif 1/2 1	Mine 173	132/	RECLAMATION COMMISSION
E. Jarvis Pit No. 1	771NE 113	0361	
Continental Cement	Company		
COUNTY	1/4 SECTION		SECTION
05age TOWNSHIP	5W		12
	RANGE	=======================================	ACRES
41 N	7	W	1.0
RIVER OR STREAM NAME (FOR IN-STREAM ACR	ES)		
N/A			
MINERAL COMMODITY		ESTIMATED TONS/YEAR	(FOR GRAVEL SITES)
Fire Clay		N/A	
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		771	
NAME OF LANDOWNER (ATTACH LIST IF MORE	THAN ONE)		
Earl Skinner			
ADDRESS		1 1 1	
3470 Ludlow			
CITY		STATE	ZIP CODE
Bridgeton		MO	63044
SOURCE OF RIGHT TO MINE (CHECK ONE)			DATE OF AGREEMENT
MINERAL DEED		LEASE	4/16/64
WARRANTY DEED		VERBAL AGREEMEN	
OTHER (DESCRIBE).			
			The second secon
MINERAL DICUTE ONNERS ATTACK AND TO A	OS TLAMONS.		- Shakarana ara Indiana
MINERAL RIGHTS OWNER LATTACH LIST IF MOI Confinental Cement			
Continental Cement			
Confinental Cement ADDRESS P.O. Box 517			
Continental Cement ADDRESS P.O. Box 517		STATE	ZIP CODE
Confinental Cement ADDRESS P.O. Box 517 CITY		STATE MO	ZIP CODE 65066
Confinental Cement ADDRESS P.O. Box 5/7 CITY OWENSVILLE SOURCE OF RIGHT TO MINE (CHECK ONE):			
Confinental Cement ADDRESS P.O. Box 5/7 CITY OWENSVILLE SOURCE OF RIGHT TO MINE (CHECK ONE):			65066 DATE OF AGREEMENT
Confinental Cement ADDRESS P.O. Box 517 CITY		Mo	65066 DATE OF AGREEMENT 12/93





TYPE OF PLAN (CHECK ONE):	MISSOURI LAND
SHORT TERM, FOR ONE PERMIT YEAR OF LONG TERM, FOR PERIOD THROUGH DATE.	RECLAMATION COMMISSION
	(BY APPLICANT OR PRIOR OPERATOR), INCLUDING SOIL, VEGETATION
The site is situated on a gentle slope	ranging from 2° to 4° Fescue was
the prominent vegetation observed. Topsoid	cannot from 0" to 0" in death.
Overlain by the topsoil is an unconsolidate	ed allowing amount of around
overlain by the topsoil 13 an anconstitution	and in I I I I
and red, bondy clay. This alluvial layer below which lies the fire clay deposit	- averages o in depth, directly
Delow which hes the the clay deposit	•
0000 47 04 01 44 40 000 40 40 000 40 40	_ .
OPERATION PLAN - 10 CSR 40-10.020(2)(D)1. A. TOPSOIL	
AVERAGE DEPTH OF TOPSOIL, PRIOR TO LAND RECLAMATION COMMISSION PERM	AITTING IS TOPSOIL TO BE SOLD OR DISCARDED OFFSITE?
0-8	INCHES
DOCCODIOS METUODO AMO COMUNICATIVASO CON TORCOM DOCUMENTA	
Scrapers and dozers will remove an	nd stockpile the topsoil
Serapers and area of the	
DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL STORAGE AND PROTE	
The topsoil pile will be seeded by a	no-till Brillian sceder or
equivalent. The seed mix will consist a	of wheat and fescue.
Fertilizer will be applied if necessary blown on to control erosion until ve	actation I I will be
Dlown on To control erosion until Ve	nas been established.

B. SPO		S AND LOCATION OF STONE BY ACCUSED AND DISCOUNT	_
DESCRIB	/ CRA	is and location of spoil placement and disposal	
141	יטקב ו	il will be used to construct a dam. The stripping project use the spoil in it's final resting place. Once in place,	
Wi	11 p/a	ice the spoil in its tinal resting fine. Once in place,	
top:	soil u	will be spread over the spoil and seeded	
/		_	
		RECEIVED AUG 2.2 1997	
		AUG 2 2 1997 D	
		MISSOURI LAND RECLAMATION COMMISSION	
C. ACI	D MATER		_
DESCRIB	E METHOD	S AND EQUIPMENT USED FOR HANDLING ACID MATERIALS (IF NONE IS ANTICIPATED, WRITE "NONE" BELOW)	-
	_		
	No	one	
	, ,		
DIT	NEORM	ATION (GIVE ALL DIMENSIONS IN FEET)	-
		ON AND ORIENTATION OF PIT, IF NOT CLEAR ON SITE MAPS	-
5	ce /	Maps	1
		,	
			Ì
			1
			!
YES	NO		Ì
163			
	\boxtimes	Will any excavation be at or within fifty feet (50') of the right-of-way of any public road?	
	Ø		
	Щ	Will any highwall consisting of unconsolidated materials be left within fifty feet of the right-of-way of any public road? (NOTE: For unconsolidated materials left in place, a slope of no more than forty degrees may	
		start near the right of way, and in no case may the excavation be closer to the right of way than fifty feet	
		or twenty-five feet plus one and one-half (1-1/2) times the depth of unconsolidated material, whichever is	
		greater, unless a variance is granted by the Commission.)	
	Ø	Will any excavation start at or within fifty feet (50') of any property line?	
_		(NOTE: If the answer is "yes", a safety barrier may be needed.)	

MO 780-1327 (12-91)

PAGE 2 OF 5



MISSOURI LAND

A. REVEGETATION (Attach addition		MISSOURI LAND	
REVEGETATION MIX #1	PURPOSE OR LAND USE	er impoundment early sp	LANTING TIME
DESCRIBE METHODS AND EQUIPMENT TO B	PASTURE Y WAT	er imposition larry sp	oring or tall
Once grading is disced and narrow then be seeded with on for erosion contro	completed with agricular a no-till seca	th dozers, the area It was equipment. To	will be he area will be blown
Lime and fertilizer will be applied acc will be applied to all slopes exceeding SEEDED SPECIES	3 5:1.	made, based on an analysis of soil to	Т
SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE
Fescue K-31	40		
Ladino Clover	2	None	Nonc
Korean Lesp.	10	,	
Rye Grass	20		
VEGETATION MIX #2	PURPOSE OR LAND USE	B. SEEDING OR PL	ANTING TIME
Lime and fertilizer will be applied acc will be applied to all slopes exceeding	_	made, based on an analysis of soil te	exture and nutrients. Mulch
SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE
		•	
ATTACH ADDITIONAL SHEETS FOR	ADDITIONAL SEED MIXES	•	
MQ 780-1327 (12-91)			PAGE 3 OF 5

RECLAMATION PLAN - 10 CSR 40-10.020(2)(D)2.

B. GRADING	
DESCRIBE PROPOSED RECLAIMED TOPOGRAPHY, INCLUDING SLOPES	
The result of reclamation should yield about a	
The dam and all slopes to the water will not excee	d 3:1.
R	ECEIVED AUG 2 2 1997
	HOG 22 1997
	MISSOURI LAND
RECA	AMATION COMMISSION
C. DESCRIBE THE GENERAL SEQUENCE AND TIMING OF THE FOLLOWING ACTIVITIES	
GRADING Grading will be complete within twelve months at of permit or initial permit renewal.	ter expiration
Grading will be complete with renewal	
of permit or initial formit solder	
REPLACEMENT OF TOPSOIL	
Topsoil will be replaced on the graded areas with	hin the
aforementioned time period.	
a forementioned time for too.	
REVEGETATION	encin or fell
All areas where topsoil is replaced will be seeded is	n spring or 1211.
AVERAGE DEPTH OF REPLACED TOPSOIL (INCHES) 1-2" Plus subsoil for a total of 12"	
D. USE OF LAND WHEN RECLAIMED	
Estimate acreage of each land use below, after reclamation	ESTIMATED ACRES:
Wildlife (forest or other habitat with livestock excluded)	
Agricultural (pasture, cropland, and horticultural)	
Development (residential, industrial, and recreational)	1

Water impoundments (for wildlife, agricultural, or development)



MISSOURI LAND RECLAMATION COMMISSION

By my signature, I attest to the following:

- 1. All statements made on this Mine Plan Form are correct, complete, and true, to the best of my knowledge.
- 2. I or the company I am authorized to represent intend(s) to mine in accordance with this Mine Plan Form, and in accordance with the Missouri Land Reclamation Act, Sections 444.760 through 444.789, RSMo (Supp. 1990), and all rules, regulations, orders, decisions and permits of the Missouri Land Reclamation Commission pertaining to my company's surface mining operations.
- 3. I have obtained the approval of all landowner's for all proposed post-reclamation land uses.
- 4. I have a valid agreement with all landowners which gives me the right to grant access to the Director of the Missouri Land Reclamation Commission and his authorized representatives, and I grant such access, and further where I have no such right, I have attached signed affidavits from the landowners, granting such access.

STONATURE OF APPLICANT	ehle	Mar-Engli	Mining 6/17/97
NO ARY PUBLIC ENBOSSER SEAL	MISSOURI SUBSCRIBED AND SWORN BEFORE ME, TH	iis (COUNTY (OR CITY OF ST. LOUIS)
	17th day of Ju	ne 19 97	USE RUBBER STAMP IN CLEAR AREA BELOW
	Benefy A. Blund	MY COMMISSION EXPIRES 5-20-98	
	NOTARY PUBLIC NAME (TYPED OR PRINTED) Beverly A. Bland		
APPROVED BY (DIRECTOR'S REPR	ESENTATIVE)	DATE APPROVED	PERMIT NUMBER
Tholisey &	pluli	3/25/9	18 321



MISSOURI DEPARTMENT OF TURAL RESOURCES LAND RECLAMATION COMMON

SITE INFORMATION FORM

RECEIVED

SITE NAME OR NUMBER Rec	PERMIT NUMBER	RECLAMATION COMMISSION
COMPANY NAME	Cement	
Casconade 1/	4 SECTION NE	SECTION 13
······································	ange 5 W	ACRES 3 total
RIVER OR STREAM NAME (FOR IN-STREAM ACRES)		•
MINERAL COMMODITY Five Clay	ESTIMATED TONS/YEA	AR (FOR GRAVEL SITES)
NAME OF LANDOWNER (ATTACH LIST IF MORE THAN OF BOL ZYKAN ADDRESS ADDRESS CITY St Peters	NE)	
St Peters	STATE	ZIP CODE 63/34
OURCE OF RIGHT TO MINE (CHECK ONE): MINERAL DEED WARRANTY DEED	☐ LEASE	DATE OF AGREEMENT
OTHER (DESCRIBE):	☐ VERBAL AGREEMEN	NT
ADDRESS	u eu t	
1030x 577	STATE	21P CODE 6
Dwensville	1000	, • •
Owensvall SOURCE OF RIGHT TO MINE (CHECK ONE): MINERAL DEED WARRANTY DEED	☐ LEASE ☐ VERBAL AGREEMEN	DATE OF AGREEMENT 6-25-96

P.O. BOX 176 JEFFERSON CITY, MO 65102

The or Plan (Greek One).
Short term, for one permit year $2\omega/2\omega$
DESCRIPTION OF SITE PRIOR TO LAND RECLAMATION COMMISSION PERMITTING (BY APPLICANT OR PRIOR OPERATOR), INCLUDING SOIL, VEGETATION
pit lies in a rawine M the sitle slope. ty soil is mly 2" deep. The area was
six lies in a ravine M the sittle slope.
1 2d April the area way
process is my - ach
worded.
worded.
Stringed whim to CC and
Stripped prior to CC ounewhip
OPERATION PLAN - 10 CSR 40-10.020(2)(D)1.
A. TOPSOIL
AVERAGE DEPTH OF TOPSOIL, PRIOR TO LAND RECLAMATION COMMISSION PERMITTING IS TOPSOIL TO BE SOLD OR DISCARDED OFFSITE?
INCHES YES OR NO
DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL REMOVAL Apparently a degle was used to pile the +5,
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arrarently a despe was used to prix
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Al nu o .
JUL 0 2 1998 D
MISSOURI LAND
DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL STORAGE AND PROTECTION Apparently TS is combine the overlanden pile.
in carrely the overlander
and we hatly TS 13 commen 100 00 42 at 24
apparent

Done prior to CCC ownership.

MO 780-1327 (12-91)

PAGE 1 OF 5

	<u> </u>
B. SPOIL	
	S AND LOCATION OF SPOIL PLACEMENT AND DISPOSAL
Spoi	I will be pied next pit and used privially backfill the depleted holo.
40	partially backfill the depleted holo.
C. ACID MATER	IALS
DESCRIBE METHODS	S AND EQUIPMENT USED FOR HANDLING ACID MATERIALS (IF NONE IS ANTICIPATED, WRITE "NONE" BELOW)
	^
	None
PIT INFORMA	ATION (GIVE ALL DIMENSIONS IN FEET)
	N AND ORIENTATION OF PIT, IF NOT CLEAR ON SITE MAPS
	a name
5	e night
	RECEIVED
•	
	MISSOURI LAND RECLAMATION COMMISSION
	KECLATT
YES NO	
	Will any excavation be at or within fifty feet (50') of the right-of-way of any public road?
	Will any highwall consisting of unconsolidated materials be left within fifty feet of the right-of-way of any
	public road? (NOTE: For unconsolidated materials left in place, a slope of no more than forty degrees may
	start near the right of way, and in no case may the excavation be closer to the right of way than fifty feet or twenty-five feet plus one and one-half (1-1/2) times the depth of unconsolidated material, whichever is
	greater, unless a variance is granted by the Commission.)
	will any excavation start at or within fifty feet (50') of any property line?
	(NOTE: If the answer is "yes", a safety barrier may be needed.)

	onal sheets, if needed)			
VEGETATION MIX #1	PURPOSE OR LAND USE	1 2	seeding on Planting time	
SCRIBE METHODS AND EQUIRMENT TO		SED FOR SEEDING OR PLANTING		ک ــــــــــــــــــــــــــــــــــــ
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Donger te s disc to prep	rade	0		
disc to prep	are. seed be	D		
notill seede	•			
Straw mule	h and co	1'mil		
			in of anit touture and mutri	anta A
ne and fertilizer will be applied ac be applied to all slopes exceedin	•	s made, based on an analys	is or son texture and nutri	ents. N
SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SP	ECIES STEMS/A	CRE
orchard	20			
Ludino	2			
red clover	2			
rea clove				
Kovean Lesp	10		İ	
			l	
Ferme	30			
EGETATION MIX 12	PURPOSE OR LAND USE		SEEDING OR PLANTING TIME	
CRIBE METHODS AND EQUIPMENT TO E	PURPOSE OR LAND USE BE USED FOR SEEDING OR PLANTI	Der Vefairs	require	
CRIBE METHODS AND EQUIPMENT TO E	PURPOSE OR LAND USE BE USED FOR SEEDING OR PLANTI	Der Vefairs	require	· · · · · · · · · · · · · · · · · · ·
CRIBE METHODS AND EQUIPMENT TO E Follow up Se with mini of. Luccess	purpose or LAND USE BE USED FOR SEEDING OR PLANTIC PROBLEM ONly MUM tools MIXEL.	on repairs Ao avoid	disruption	~
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Then will be a solid rock wall	down
to dire. Hayefully vit will not	nold
water. Landowner would prefer it	t to
waler. Landowner wind	•
appear as an amphitheuter. Slop	een
will be gradual into the floor	
,	1
	RECEIVED JUL 0 2 1998
	MISSOURI LAND CLAWATION COMMISSION
C. DESCRIBE THE GENERAL SEQUENCE AND TIMING OF THE FOLLOWING ACTIVITIES	
Completed within 12 months after of the prevent or initial premit renewa	expiration
REPLACEMENT OF TOPSOIL	
TS will be replaced at a depth do below within 12 months of permit expendent	seribel
below within 12 months of permit expl	me Try
M all unined out portions.	
REVEGETATION	!
seeded in spring or fall following	to placement
reseeding as required	
AVERAGE DEPTH OF REPLACED TOPSOIL (INCHES)	
D. USE OF LAND WHEN RECLAIMED	5071111750 10050
Estimate acreage of each land use below, after reclamation	ESTIMATED ACRES:
Wildlife (forest or other habitat with livestock excluded)	· ·
	_3
Agricultural (pasture, cropland, and horticultural)	3
	<u>3</u> 0
Agricultural (pasture, cropland, and horticultural) Development (residential, industrial, and recreational)	

B. GRADING

DESCRIBE PROPOSED RECLAIMED TOPOGRAPHY, INCLUDING SLOPES

By my signature, I attest to the following:

- 1. All statements made on this Mine Plan Form are correct, complete, and true, to the best of my knowledge.
- 2. I or the company I am authorized to represent intend(s) to mine in accordance with this Mine Plan Form, and in accordance with the Missouri Land Reclamation Act, Sections 444.760 through 444.789, RSMo (Supp. 1990), and all rules, regulations, orders, decisions and permits of the Missouri Land Reclamation Commission pertaining to my company's surface mining operations.
- 3. I have obtained the approval of all landowner's for all proposed post-reclamation land uses.
- 4. I have a valid agreement with all landowners which gives me the right to grant access to the Director of the Missouri Land Reclamation Commission and his authorized representatives, and I grant such access, and further where I have no such right, I have attached signed affidavits from the landowners, granting such access.



MISSOURI LAND RECLAMATION COMMISSION

SIGNATURE OF APPLICANT	I for CCC	Wasy Firen	DATE 7/1/48
NOTAR PURLIC EMPOSSER SEAL	STATE MISSOURI		COUNTY (OR CITY OF ST. LOUIS) BASCONALLE
JOANN C BARCH Notary Public - Notary Seal	DAY OF JU		USE RUBBER STAMP IN CLEAR AREA BELOW
STÅTE OF MISSOURI GASCONADE COUNTY MY COMMISSION EXP. SEPT 15,20	NOTIRY PUBLIC SIGNATURE OT SOLETA C. Daic	MY COMMISSION EXPIRES 4-15-200/	JOANN C BARCH Notary Public - Notary Seal STATE OF MISSOURI
	NOTARY PUBLIC NAME (TYPED OR PRINTED) JOANN C. Barc	L	MY COMMERCE OF SEPT 15,2001
APPROVED BY (DIRECTOR'S REPR		DATE APPROVED	PERMIT NUMBER
MO 790 577 (13.91)		9-27-98	7 032/



MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COME SION
SITE INFORMATION FORM

SITE INFORMATION FO	M	
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	and the same of th	with mining operation	ons. RECEIVED
SITE NAME OR NUMBER		PERMIT NUMBER	FEB = 9 1998 D
Sceyo #5		0321	KICIAN WHON COMMISSION
COMPANY NAME			SOMMISSIO.
Continental C	ement (o. LL	20/0
COUNTY	1/4 SECTION		SECTION
Gasconade	SW		3
TOWNSHIP	RANGE		ACHES
42 N	5 W		,8 additional 18
RIVER OR STHEAM NAME (FOR IN-STHEAM A	CRES)		8 additional 18
NIA			only
MINERAL COMMODITY	and an international designation of the second seco	ESTIMATED TONS/YEAR	LIFOR GRAVEL SITES)
Fire Clay		NIA	
		<u> </u>	
NAME OF LANDOWNER (ATTACH LIST IF MOH	E THAN ONE		
	·		
Ronald C. K	agland		
Ronald E. R 9404 Chesape	rake Driv	<u>e</u>	
CITY		STATE	ZIP CODE
San Diego		CA	92/23
SOURCE OF RIGHT TO MINE (CHECK ONE)	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		DATE OF AGREEMENT
		LEASE	5/14/40
MINERAL DEED			1 7 7 8
MARHANTY DEED		VEHBAL AGHEEMEN	T .
		VEHBAL AGHEEMEN	T
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WARHANTY DEED OTHER (DESCRIBE) MINERAL RIGHTS OWNER (ATTACH LIST IF M Continental (ADDRESS POBOX 517, It	ORE THAN ONE) Conent (Co. (1)	
WARHANTY DEED OTHER (DESCRIBE) MINERAL RIGHTS OWNER (ATTACH LIST IF M CONT'NEWFAL (ADDRESS POBOX 517, It	ORE THAN ONE) Cuent (STATE	ZIP CODE
WARHANTY DEED OTHER (DESCRIBE) MINERAL RIGHTS OWNER (ATTACH LIST IF M Continental (ADDRESS POBOX 517, It	ORE THAN ONE) ELLEWY (STATE	21P CODE 65-066
WARHANTY DEED OTHER (DESCRIBE) MINERAL RIGHTS OWNER (ATTACH LIST IF M CONT'NEWFAL (ADDRESS PO BOX 517, It CITY OWENS U, ILE SOURCE OF RIGHT TO MINE (CHECK ONE):	ORE THAN ONE) ELLEWY (STATE MO	21P CODE 65-066 DATE OF AGREEMENT 6/25/96

MO 780-1036 (12-91)



JAN SIM	MINE PLAN		I CED	- U 1000	JEFERSON CITY, MO 65102
TYPE OF PL	AN (CHECK ONE):			- 3 1998 -	
D SHOHT	TEHM, FOR ONE PEHMIT YEA		MISS	OURI LAND	
D LONG T	EHM, FOR PERIOD THROUGH	DATE 9/30/9	RECLAMATIC	ON COMMISS	ION
DESCRIPTION AND TOPOC		RECLAMATION COMMISSION PERMITTING	(BY APPLICANT OR	PHION OPERATO	OH), INCLUDING SOIL, VEGETATION
	The site	was situated a	en abou	ta 9	la slope
	to the son	th, Fescue va	e the	predi	minaut
	regetation	Topsoil vange	es from	_0-	8" degs.
	Beneath	the topsail is	uncor	solida	ted alluvium
	comprised a	the topsoil is gravel and	red, Si	ndy	clay.
	ON PLAN - 10 CSR 40-1	0.020(2)(D)1.			The second secon
A. TOPSO					
AVERAGE D	EPTH OF TOPSOIL, PRIOR TO	LAND RECLAMATION COMMISSION PERM		1	BE SOLD OH DISCARDED OFFSITE?
		0-8	INCHES	YES OR	3 no
DESCRIBE A	AETHODS AND EQUIPMENT	ISED FOR TOPSOIL REMOVAL		· * · · · · · · · · · · · · · · · · · ·	
)) - 2125 4	scraper will	remod	re x	reserve
£ b	The the	soil for cover	on y	he L	undowners
<i>γ</i> .		his dienth	Msite	2 /11/14	1 1/4
		h is slightly			
VC	uson for	This expansi	ion.		
		,			
				AAA WAA AAA TO TO MOO TO WATER	
DESCRIBE A	METHODS AND EQUIPMENT	USED FOR TOPSOIL STORAGE AND PROTE	CTION		·
7	The soil	piles will i	not se	t los	y enough
1	Wyry a	bout loss or	- stabi	1/201	Fon.
	const	ruction is in	n Conc	cert	with
1 Da	in a li m	. There fore,	reclas	nativ	n will
l ex	pansi				Carlose - O
1 se	Complet	ed before the	pir	15 K	EPETCA,

-	· -	OS AND LOCATION OF SPOIL PLACEMENT AND DISPOSAL
/	my	material other than chang will be used a landowner's dam. No spoil will be
11	1 Th	e Jambonner's dam, No Sport win de
l p	nes	ent on 61 te upon reclamation.
/		
C ACII	MATE	RIALS
		DS AND EQUIPMENT USED FOR HANDLING ACID MATERIALS (IF NONE IS ANTICIPATED, WRITE "NONE" BELOW)
	\sim	one present
		,
		ATION (GIVE ALL DIMENSIONS IN FEET)
DESCRIB	ELUCAIR	ON AND ORIENTATION OF PIT, IF NOT CLEAR ON SITE MAPS
		See Maps
		DECEIVED
ı		K FEB - 9 1998 D
		FEB - 9 1998 -
		MISSOURI LAND RECLAMATION COMMISSION
		RECLAVATION CONTINUES.
YES	NO	
		Will any excavation be at or within fifty feet (50') of the right-of-way of any public road?
	X	Will any highwall consisting of unconsolidated materials be left within fifty feet of the right-of-way of any
		public road? (NOTE: For unconsolidated materials left in place, a slope of no more than forty degrees may start near the right of way, and in no case may the excavation be closer to the right of way than fifty feet
		or twenty-five feet plus one and one-half (1-1/2) times the depth of unconsolidated material, whichever is
	J	greater, unless a variance is granted by the Commission.)
	\square	Will any excavation start at or within fifty feet (50') of any property line?
		(NOTE: If the answer is "yes", a safety barrier may be needed.)

Lake / Lake / Fall of year or- Continental will slope and seed the pit area (bonded acr In hopes of early release, the landowners dum will eventually thouch the entire area of the clay sit. Vesetati of the dam is the landowner's responsibility—it's his dam. The will bury our oversurden making it impossible for continental to so the will use a dozer, disc + no till seeder to neverse the and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients be applied to all slopes exceeding 5:1. SEEDED SPECIES POUNDS/ACRE TREE OR SHRUB SPECIES STEMS/ACRE Laclino	REVEGETATION (Attach addition	THE BROOKS, IT ROUGED)	205/	IC ON DI ANTINO TIME
Continental will slope and seed the pit area (bonded acre to horse will slope and seed the pit area (bonded acre to horse will slope and seed the pit area (bonded acre to horse will seem to the landowner's dam will eventually flood the entire area of the clay sit. Vesetation the dam is the landowner's responsibility—it's his dam, the will bury our oversurdes makins it impossible for continental to so will use a dozer, disc to no till seeder to nevertate and nutrients and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients to applied to all slopes exceeding 5:1. SEEDED SPECIES POUNDS/ACRE TREE OR SHRUB SPECIES STEMS/ACRE Ladino Ladino Ladino Lagrass EGETATION WAST	Lake /-	The Fall Fa	11 of year ors	
In nopes of early release. The landowners dum will eventually flood the entire area of the clay sit. Vegetation of the dam is the landowner's responsibility—it's his dam. It will bury our oversurder making it impossible for continental to 5 or will use a dozer, disc — no till seeder for nevertable and nutrients be applied to all slopes exceeding 5:1. SEEDED SPECIES POUNDS/ACRE TREE OR SHRUB SPECIES STEMS/ACRE Ladino Ladino Ladino Ladino Lagrass 20		E USED FOR SEEDING OR PLANTII	NG ~	•
eventually flood the entire area of the clay sit. Vesetation the dam is the landowner's responsibility—it's his dam. It will bury our oversurder making it impossible for continental to so will use a dozer, disc - no till seeder to nevertation be applied according to recommendations made, based on an analysis of soil texture and nutrients be applied to all slopes exceeding 5:1. SEEDED SPECIES POUNDS/ACRE TREE OR SHRUB SPECIES STEMS/ACRE Laclino Laclino Lorean Lesp O Lye grass 20				
De will use a clozer, disc = no till seeder to nevegetate the and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients. Description of the seeding 5:1. SEEDED SPECIES POUNDS/ACRE TREE OR SHRUB SPECIES STEMS/ACRE Laclino 2 Korean Lesp 10 Rye grass 20	In hopes of ear	ly release. T	he landowners	dum will
De will use a clozer, disc - no till seeder to nevegetate the and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients. Description of the seeding 5:1. SEEDED SPECIES POUNDS/ACRE TREE OR SHRUB SPECIES STEMS/ACRE Laclino 2 Korean Lesp 10 Rye grass 20	eventually floor	The entire as	ca of The clay,	, r.t. Vegetati
De will use a dozer, disc - no till seeder to nevegetative and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients. I be applied to all slopes exceeding 5:1. SEEDED SPECIES POUNDS/ACRE TREE OR SHRUB SPECIES STEMS/ACRE Fescue 30 Laclino 2 Korean Lesp 10 Rye grass 20	of the dam is the	u landowner's	responsibility - i	it's his dam.
SEEDED SPECIES POUNDS/ACRE TREE OR SHRUB SPECIES STEMS/ACRE Fescue 30 Laclino 2 Korean Lesp 10 Rye grass 20	te will bury our ou	ersurdes making	s It impossible to	r Continental to St
be applied to all slopes exceeding 5:1. SEEDED SPECIES POUNDS/ACRE TREE OR SHRUB SPECIES STEMS/ACRE Fescue 30 Laclino 2 Korean Lesp 10 Rye grass 20	re will use a d	lozer, disc +	no till seeder -	to neveretute
SEEDED SPECIES POUNDS/ACRE TREE OR SHRUB SPECIES STEMS/ACRE Fescue 30 Laclino 2 Korean Lesp 10 Rye grass 20			made, based on an analysis of	soil texture and nutrients.
fescue 2 Vadino 2 Vorenn Lesp 10 1 Rye grass 20	I be applied to all slopes exceeding	5:1.		
Vaclino 2 Korean Lesp 10 Rye grass 20	. De applied to all slopes exceeding	••••		
Laclino 2 Korean Lesp 10 Rye grass 20			TREE OR SHRUB SPECIE	S STEMS/ACRE
Korean Lesp 10 Rye grass 20	SEEDED SPECIES		TREE OR SHRUB SPECIE	S STEMS/ACRE
Rye grass 20	SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIE	S STEMS/ACRE
Rye grass 20	SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIE	S STEMS/ACRE
	SEEDED SPECIES Laclino	POUNDS/ACRE 30 2	TREE OR SHRUB SPECIE	S STEMS/ACRE
EGETATION MIX #2 PURPOSE OR LAND USE B. SEFDING OR PLANTING TIME	SEEDED SPECIES Laclino	POUNDS/ACRE 30 2	TREE OR SHRUB SPECIE	S STEMS/ACRE
U. Gebung diri Swith Comme	SEEDED SPECIES Fescue Vaclino Vaclino Vorean Lesp	POUNDS/ACRE 30 2 10	TREE OR SHRUB SPECIE	S STEMS/ACRE
	SEEDED SPECIES Fescue Vaclino Vaclino Vorean Lesp Rye grass	POUNDS/ACRE 30 2 10		
	SEEDED SPECIES Fescue Vaclino Vaclino Vorean Lesp	PURPOSE OR LAND USE	8. SEEDIN	i

IN FEB - 9 1998

MISSOURI LAND RECLAMATION COMMISSION

Lime and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE
		↓ .	

ATTACH ADDITIONAL SHEETS FOR ADDITIONAL SEED MIXES.

B. GRADING	
DESCRIBE PROPOSED HECLAIMED TOPOGRAPHY, INCLUDING SLOPES	- A
The result of reclamation will ultimately	y create
about an 18 acre bake (per Landowner).	
Pertinent to Continentals responsibility, of proper will yield about 6-8 acres of water	the pit
proper will yield about 6-8 acres of water	impoundment,
The permit area around the p.7 where on	exparden um
pired will be seeded. This area should	be reasonably
flat lying. Any area which will be about	we the
Ultimate water level, will be graded 3:1	or less to
that level and seeded.	
C. DESCRIBE THE GENERAL SEQUENCE AND TIMING OF THE FOLLOWING ACTIVITIES	
GRADING	
This Fait 1997, maybe it will ca	
to Winter 97. Within 12 months afor	ter mining
ceuses. 4 LP	
REPLACEMENT OF TOPSOIL	
Same time frame as grading RE	ECEIVED
	MISSOURLIAND
RECLA	MATION COMMISSION
Spring TR Full of 98	
within 12 months after grading	is complete
AVERAGE DEPTH OF REPLACED TOPSOIL (INCHES) 12 " Lp # Where needed as	love water level
D. USE OF LAND WHEN RECLAIMED	
Estimate acreage of each land use below, after reclamation	ESTIMATED ACRES:
Wildlife (forest or other habitat with livestock excluded)	0
Agricultural (pasture, cropland, and horticultural)	4
Development (residential, industrial) and recreational)	≥ 0
Water impoundments (for wildlife, agricultural, or development)	. 14 LP
MO 780-1327 (12-91)	PAGE 4 OF S

By my signature, I attest to the following:

- 1. All statements made on this Mine Plan Form are correct, complete, and true, to the best of my knowledge.
- 2. For the company I am authorized to represent intend(s) to mine in accordance with this Mine Plan Form, and in accordance with the Missouri Land Reclamation Act, Sections 444.760 through 444.789, RSMo (Supp. 1990), and all rules, regulations, orders, decisions and permits of the Missouri Land Reclamation Commission pertaining to my company's surface mining operations.
- 3. I have obtained the approval of all landowner's for all proposed post-reclamation land uses.
- 4. I have a valid agreement with all landowners which gives me the right to grant access to the Director of the Missouri Land Reclamation Commission and his authorized representatives, and I grant such access, and further where I have no such right, I have attached signed affidavits from the landowners, granting such access.



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MISSOURI LAND RECIAMATION COMMISSION

	Beverly A. Bland		
	Beverly a. Blence NOTAHY PUBLIC NAME (TYPED OR PRINTED)	5-20-98	
	NOTARY PUBLIC SIGNATURE	MY COMMISSION EXPIRES	
	15th DAY OF Decem	ber 1997	USE RUBBER STAMP IN CLEAR AREA BELOV
	SUBSCRIBED AND SWORN BEFORE ME, TH	IIS	Ralls
NOTARY PUBLIC EMBOSSER SEAL	Missouri	0 0	COUNTY (QR dITY OF ST. LOUIS)
SIGNATURE OF APPLICANT NOTARY PUBLIC EMBOSSER SEAL	STATE	Mgr-Enjt	Mining 12/17/97

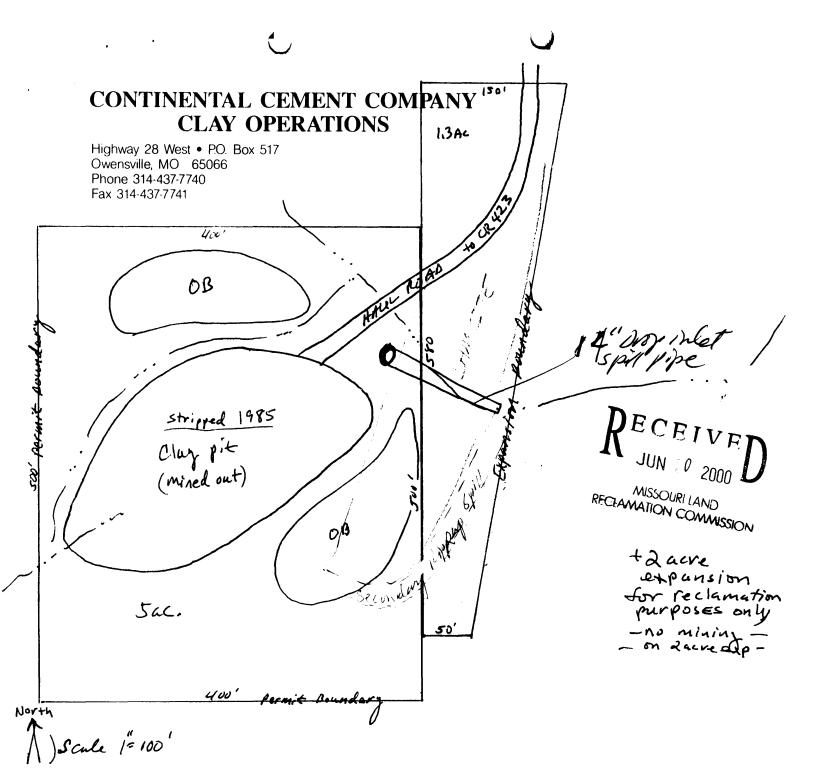


MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMM NON
SITE INFORMATION FO

~ RECEIVED

o be completed for each separate area of	of disturbance associate	d with mining operatio	ons. JUN 20 2000 U
TE NAME OR NUMBER	- All the country of the third of the country of th	PERMIT NUMBER	MISSOLIBLIA
SKOUBY PIX # 1		0721	REGIAMATION COMMISSION
DMPANY NAME			
Continental C	ement (.	
YTAUC	1/4 SECTION	The second secon	SECTION
Maries		$N\omega$	26
WNSHIP	RANGE		ACRES
40 N	74)	2 nen 7 A + 0 /2
ER OR STREAM NAME (FOR IN-STREAM ACRE	S)		
N/4			
VERAL COMMODITY This ex	pansion is to	ESTIMATED TONS/YEAR	(FOR GRAVEL SITES)
Fire clay accommodity Fire clay accommod mineral	extraction - 10	NA	
ME OF LANDOWNER (ATTACH LIST IF MORE T	HAN ONE)		
Edward Vande	ven		
Edward Vander	ven		-
Edward Vander Oness G Firerest	Lane		
6 Fircrest	Lane	STATE	ZIP CODE
6 Fircrest	Lane	STATE	21P CODE 63024
6 Firerest	Lane		
Feuton UNICE OF RIGHT TO MINE (CHECK CNE)	Lane		63024
Feuton UNICE OF RIGHT TO MINE (CHECK UNE) MINEHAL DEED	Lane	mo	63024 DATE OF AGREEMENT 1/31/4
G Firerest Y Feuton Unce of right to mine (check cne) Minehal deed Wahhanty deed	Lane	LEASE	63024 DATE OF AGREEMENT 1/31/4
6 Firerest Feuton	Lane	LEASE	63024 DATE OF AGREEMENT 1/31/4
G Fircrest Y Feuton Unce of right to mine (check cne) Minehal deed Wahhanty deed	Lane	LEASE	63024 DATE OF AGREEMENT 1/31/4
Feuton Unce of right to mine (check one) Minehal deed Wahhanty deed Other (deschibe)	Lane	LEASE	63024 DATE OF AGREEMENT 1/31/4
Fenton JACE OF RIGHT TO MINE (CHECK CNE) MINEHAL DEED OTHER (DESCHIBE) MERAL RIGHTS OWNER (ATTACH LIST IF MORE	Lane E THAN ONE)	LEASE	63024 DATE OF AGREEMENT 1/31/4
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G Fircrest Y Fenton UHCE OF RIGHT TO MINE (CHECK CNE) MINEHAL DEED WAHHANTY DEED OTHER (DESCHIBE) WERAL RIGHTS OWNER (ATTACH LIST IF MORE Continental Continental Continents	Lane E THAN ONE)	LEASE	63024 DATE OF AGREEMENT 1/31/4
Fenton Herss Henton JHCE OF RIGHT TO MINE (CHECK CNE) MINEHAL DEED WAHHANTY DEED OTHER (DESCHIBE) WERAL RIGHTS OWNER (ATTACH LIST IF MORE Continental Continents Po Box 517	Lane E THAN ONE)	LEASE	63024 DATE OF AGREEMENT 1/31/4
Fenton Herss Henton JHCE OF RIGHT TO MINE (CHECK CNE) MINEHAL DEED WAHHANTY DEED OTHER (DESCHIBE) WERAL RIGHTS OWNER (ATTACH LIST IF MORE Continental Continents Po Box 517	Lane E THAN ONE)	LEASE VEHBAL AGREEMENT	DATE OF AGREEMENT
G Fircrest Y Fenton Unce of right to mine (check cne) Minehal Deed Wahhanty Deed Other (Deschibe) WERAL RIGHTS OWNER (ATTACH LIST IF MORE Continental Continents	Lane E THAN ONE)	LEASE VEHBAL AGHEEMENT	DATE OF AGREEMENT 1/31/4.
Ferton Unce of right to mine (Check CNE) Minehal Deed Wahhanty Deed OTHER (DESCHIBE) JERAL RIGHTS OWNER (ATTACH LIST IF MORE Continental Contine	Lane E THAN ONE)	LEASE VEHBAL AGHEEMENT	ZIP CODE G S O G C DATE OF AGREEMENT
Fenton Unce of right to mine (check one) Minehal Deed Wahhanty Deed OTHER (DESCHIBE) WERAL RIGHTS OWNER (ATTACH LIST IF MORE Continental Contess Po Box 517 Y D'Wens J'Lle JACE OF RIGHT TO MINE (CHECK ONE):	Lane E THAN ONE)	LEASE VEHBAL AGHEEMENT	ZIP CODE G SO G C DATE OF AGREEMENT ZIP CODE G SO G C DATE OF AGREEMENT G/96

duary briena RECIAMATION COMPANY CONTINENTAL COMPANY CLAY OPERATIONS WE TYDD RTW RECEIVE JUN 30 2000 1 Highway 28 West • P.O. Box 517 Owensville, MO 65066 Phone 314-437-7740 Fax 314-437-7741 SEH NUMY SEE Skouby 1 Maries (1:2400 27W



Landowner: Edward Vandeven Mineral owner: Continental Cement

Skowby pit #1, s= 14, NW/4, \$26, T+ON, R7W Maries Country 6/8/49 Lee Powell, Quarry France



Reference City, MO 65/102

TYPE OF PLAN (CHECK ONE): SHORT TERM FOR ONE PERMIT YEAR
SHORT TERM, FOR ONE PERMIT YEAR
LI SHORT TERM, FOR ONE PERMIT YEAR DE LONG TERM, FOR PERIOD THROUGH DATE: 7 1/99 - 7/1/2004 RECLAMATION COMMISSION PERMITTING (BY APPLICANT OR PRIOR OPERATOR), INCLUDING SPIN, YEGETATION AND TOPOGRAPHY
AND TOPOGRAPHY.
The 2 were expansion area is creek ditch and hill
The site is
sloper. Stoper do not exceed 2:1. The site is
nearly clear of trees excepting the spillway
is very rocky and sanky, top soil is impled
is very rocky and sanky, top soil is limited in existance and depth. Vegetation is limited
to scrub brush and a few clumps of fescue.
OPERATION PLAN - 10 CSR 40-10.020(2)(D)1. A. TOPSOIL
AVERAGE DEPTH OF TOPSOIL, PRIOR TO LAND RECLAMATION COMMISSION PERMITTING IS TOPSOIL TO BE SOLD OR DISCARDED OFFSITE?
Spotty 0-4 INCHES TYES OR NO
DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL REMOVAL
Dozers will be used to salvage topsoil where
Dozers will se week to such age
it exists. Otherwise, the top 12 inches will
The same of the sa
be piled separately for use later on the dam.
DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL STORAGE AND PROTECTION
Topsiel and/or the top 12 inches will
topsoil and/or the top 12 inches will be stoped in piles not to exceed 3:1. It
Will not be stored longer than one year.
When the dam is ready for The topping
when the arms to the time to t
material the pires will be pushed on to
4 -1 + 100 Po of (0, 41/2 - 0 And 100, Oak)

:		C
B. SPO		
		S AND LOCATION OF SPOIL PLACEMENT AND DISPOSAL
1. H	ne. veye	site is to accamodate a clam only. site will be dozed out to create a vay. Then, the spril + over burder from adjancent pit will greaded over the site.
C. ACIE	MATER	IALS
		S AND EQUIPMENT USED FOR HANDLING ACID MATERIALS (IF NONE IS ANTICIPATED, WRITE "NONE" BELOW)
	•	RECEIVED MISSOURI LAND REGIAMATION COMMISSION
		TION (GIVE ALL DIMENSIONS IN FEET)
DESCRIBE	LOCATIO	N AND ORIENTATION OF PIT, IF NOT CLEAR ON SITE MAPS
	8	ee maps
YES	NO	
	Ø	Will any excavation be at or within fifty feet (50') of the right-of-way of any public road?
		Will any highwall consisting of unconsolidated materials be left within fifty feet of the right-of-way of any public road? (NOTE: For unconsolidated materials left in place, a slope of no more than forty degrees may

start near the right of way, and in no case may the excavation be closer to the right of way than fifty feet or twenty-five feet plus one and one-half (1-%) times the depth of unconsolidated material, whichever is

greater, unless a variance is granted by the Commission.)

(NOTE: If the answer is "yes", a safety barrier may be needed.)

Will any excavation start at or within fifty feet (50') of any property line?

$\dot{\mathcal{C}}$	C
\smile	

RECLAMATION PLAN - 10 CSR 40-10.0)20(2)(D)2.		
A. REVEGETATION (Attach additions			
REVEGETATION MIX #1	WILDLITE / WA	ter imp. Fall	~ Spring
DESCRIBE METHODS AND EQUIPMENT TO BE U	JSED FOR SEEDING OR PLANTIN	NG .	
Pu graded	eua will	be disced and	
no till seeler	will be a	sed to sow the	+ Hollowing
mix. Straw	mulde will ?	se applied with a	a slower
and crimped	with a d	be discel and seed to som the applied with a lise.	
Lime and fertilizer will be applied acco will be applied to all slopes exceeding 5	rding to recommendations		
SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE
Wheat for cover	30		
Orchard grass	5		
Or chart for	5	None	None
hadino clover		, , , ,	
ned clover	5		
Korean Losp.	10		
REVEGETATION MIX #2	PURPOSE OR LAND USE	B. SEEDING OR PLAI	NTING TIME
		<u> </u>	
DESCRIBE METHODS AND EQUIPMENT TO BE	USED FOR SEEDING OR PLANTI	REC	EIVED 2000
I		MISSC RECLAMATIO	DURI LAND N GOMMISSION
Lime and fertilizer will be applied account will be applied to all slopes exceeding	_	s made, based on an analysis of soil tea	kture and nutrients. Mulch
SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE

ATTACH ADDITIONAL SHEETS FOR ADDITIONAL SEED MIXES.

B. GRADING

DESCRIBE PROPOSED RECLAIMED TOPOGRAPHY, INCLUDING SLOPES

The pit proper and some surrounding commenced of will be flooded by a dam constructed of ne orlvhurbea from stopping. All bombs around the pit will be graded 3:1 and seeded below expected writer level. The dam will be done the some with some with for some will be lined with fabric, rip rapped, dirted and seeded with MISSOURI LAND

fescue to provide durability.	
C. DESCRIBE THE GENERAL SEQUENCE AND TIMING OF THE FOLLOWING ACTIVITIES	The state of the s
The pit is depleted, so grading will begin of the permit expansion is granted. This expansion to provide room to construct the dum. (s	med is
REPLACEMENT OF TOPSOIL AS SOUR AN Grading is completed, to will be replaced. (Facl 99).	y svil
REVEGETATION	
as soon as topsoil is redistributed, to will be applied. (Fall 99 or spring 20	u seed mix
AVERAGE DEPTH OF REPLACED TOPSOIL (INCHES)	
D. USE OF LAND WHEN RECLAIMED	
O. OOL OF LAND WILLIA RECLAIMED	ESTIMATED ACRES:
Estimate acreage of each land use below, after reclamation	
1	l and the second second second second second second second second second second second second second second se

Wildlife (forest or other habitat with livestock excluded) Agricultural (pasture, cropland, and horticultural) 0 Development (residential, industrial, and recreational) 0

Water impoundments (for wildlife, agricultural, or development)

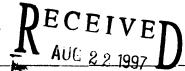
By my signature, I attest to the following:

- 1. All statements made on this Mine Plan Form are correct, complete, and true, to the best of my knowledge.
- 2. I or the company I am authorized to represent intend(s) to mine in accordance with this Mine Plan Form, and in accordance with the Missouri Land Reclamation Act, Sections 444.760 through 444.789, RSMo (Supp. 1990), and all rules, regulations, orders, decisions and permits of the Missouri Land Reclamation Commission pertaining to my company's surface mining operations.
- 3. I have obtained the approval of all landowner's for all proposed post-reclamation land uses.
- 4. I have a valid agreement with all landowners which gives me the right to grant access to the Director of the Missouri Land Reclamation Commission and his authorized representatives, and I grant such access, and further where I have no such right, I have attached signed affidavits from the landowners, granting such access.



SIGNATURE OF APPLICANT		TITLE	DATE
Py-P. Mull		Environmental Com	relience Mr 2/24/00
NOTARY PUBLIC EMBOSSER REAL	STATE Missouri SUBSCRIBED AND SWORN BEFORE ME, THE 24th DAY OF Jeb NOTARY PUBLIC SIGNATURE	115	COUNTY (OR CITY OF ST. LOUIS) RR //S CIUN // USE RUBBER STAMP IN CLEAR AREA BELOW
	Ilyla & Rehenlian NOTARY PUBLIC NAME (TYPED OR PRINTED) HYLA J. Lehenba	expires 12/2/2000	HYLA J. LEHENBAUER Notary Public - Notary Seal State of Missouri Ralls County My Commission Expires: Dec. 2, 2000
APPROVED BY (DIRECTOR'S REP	RESENTATIVE)	DATE APPROVED	PERMIT NUMBER
fundal Box		12-8-1	0 0321
MQ 780-1327 (12-91)		<u> </u>	PAGE 5 OF





SITE NAME OR NUMBER	PERMIT	NUMBER RECLAMATION COMMISSION
Tappmeyer - Heirs 7	PitNo. Z, Mine 64 8.	
Continental Cem		
COUNTY	1/4 SECTION	SECTION
Gasconade	5 W	2/
OWNSHIP	HANGE	ACRES
42 N	5W	1.0
IVER OR STREAM NAME (FOR IN-STREA	M ACRES)	
N/A		
INERAL COMMODITY	ESTIMA	TED TONS/YEAR (FOR GRAVEL SITES)
Fire Clay	1	//#
1116 (149		77
NAME OF LANDOWNER (ATTACH LIST IF	MORE THAN ONE)	
Earl Farris		
ADDRESS		The second of th
Route 2		
CITY	STATE	ZIP CODE
Owensville	M	65066
OURCE OF RIGHT TO MINE (CHECK ON	E).	DATE OF AGREEMENT
MINERAL DEED	☐ LEA	SE 7/22/42
WARRANTY DEED	☐ VER	BAL AGREEMENT
OTHER (DESCRIBE):		
OTHER (DESCRIBE)		
OTHER (DESCRIBE).		
	IF MORE THAN ONE)	
MINERAL RIGHTS OWNER (ATTACH LIST	·	
MINERAL RIGHTS OWNER (ATTACH LIST	·	
ADDRESS	ment Company	
MINERAL RIGHTS OWNER (ATTACH LIST Confinental Ce ADDRESS	ment Company	
MINERAL RIGHTS OWNER (ATTACH LIST Confinental Ce ADDRESS	ment Company	ZIP CODE
MINERAL RIGHTS OWNER (ATTACHLIST CONTINENTAL CE ADDRESS P.O. BOX 517 CITY	ment Company STATE	
MINERAL RIGHTS OWNER (ATTACH LIST	ment Company STATE	
MINERAL RIGHTS OWNER (ATTACH LIST CONTINENTAL CE NODRESS P.O. BOX 517 CITY DWENS VILLE NOURCE OF RIGHT TO MINE (CHECK ON	ment Company STATE	10 65066 DATE OF AGREEMENT
MINERAL RIGHTS OWNER (ATTACHLIST Confinenta / Ce ADDRESS P.O. Box 517 CITY Owens Ville	ment Company STATE LEA	10 65066 DATE OF AGREEMENT



A. TOPSOIL

MISSOURI DEPARTMENT OF $^{\circ}$ TURAL RESOURCES) \to \to \to \to \to LAND RECLAMATION COMM_ION

JEFFERSON CITY, MO 65102 TYPE OF PLAN (CHECK ONE): MISSOURI LAND SHORT TERM, FOR ONE PERMIT YEAR RECLAMATION COMMISSION LONG TERM, FOR PERIOD THROUGH DATE. 6/17/02 DESCRIPTION OF SITE PRIOR TO LAND RECLAMATION COMMISSION PERMITTING (BY APPLICANT OR PRIOR OPERATOR), INCLUDING SOIL, VEGETATION The site is situated on a gentle slope ranging from 2° to 4° Fescue was the prominent vegetation observed. Topsoil ranges from 0" to 8" in depth. Overlain by the topsoil is an unconsolidated alluvium composed of gravel and red, bondy clay. This alluvial layer averages 8' in depth, directly below which lies the fire clay deposit.

AVERAGE DEPTH OF TOPSOIL, PRIOR TO LAND RECLAMATION COMMISSION PERMITTING

OPERATION PLAN - 10 CSR 40-10.020(2)(D)1.

IS TOPSOIL TO BE SOLD OR DISCARDED OFFSITE

0-8

TES OR INO

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL REMOVAL

Scrapers and dozers will remove and stockpile the topsoil

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL STORAGE AND PROTECTION

The topsoil pile will be seeded by a no-till Brillian seeder or equivalent. The seed mix will consist of wheat and fescue. Fertilizer will be applied if necessary. In addition, straw will be blown on to control erosion until vegetation has been established.

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0.000		MISSOURI LAND
B. SPOI		S AND LOCATION OF SPOIL PLACEMENT AND DISPOSAL
All	5001 p a	I will be used to construct a dam. The stripping project ce the spoil in it's final resting place. Once in place, will be spread over the spoil and seeded
C. ACID		IALS S AND EQUIPMENT USED FOR HANDLING ACID MATERIALS (IF NONE IS ANTICIPATED, WRITE "NONE" BELOW)
	No	ne
I		
1		
PITI	NFORM	ATION (GIVE ALL DIMENSIONS IN FEET)
DESCRIBE LOCATION AND ORIENTATION OF PIT, IF NOT CLEAR ON SITE MAPS		
See Maps		
>	ce /	Taps
		ſ
YES	NO	
	Ø	Will any excavation be at or within fifty feet (50') of the right-of-way of any public road?
	,	
	Ø	Will any highwall consisting of unconsolidated materials be left within fifty feet of the right-of-way of any public road? (NOTE: For unconsolidated materials left in place, a slope of no more than forty degrees may start near the right of way, and in no case may the excavation be closer to the right of way than fifty feet or twenty-five feet plus one and one-half (1-1/2) times the depth of unconsolidated material, whichever is greater, unless a variance is granted by the Commission.)

Will any excavation start at or within fifty feet (50') of any property line?

(NOTE: If the answer is "yes", a safety barrier may be needed.)

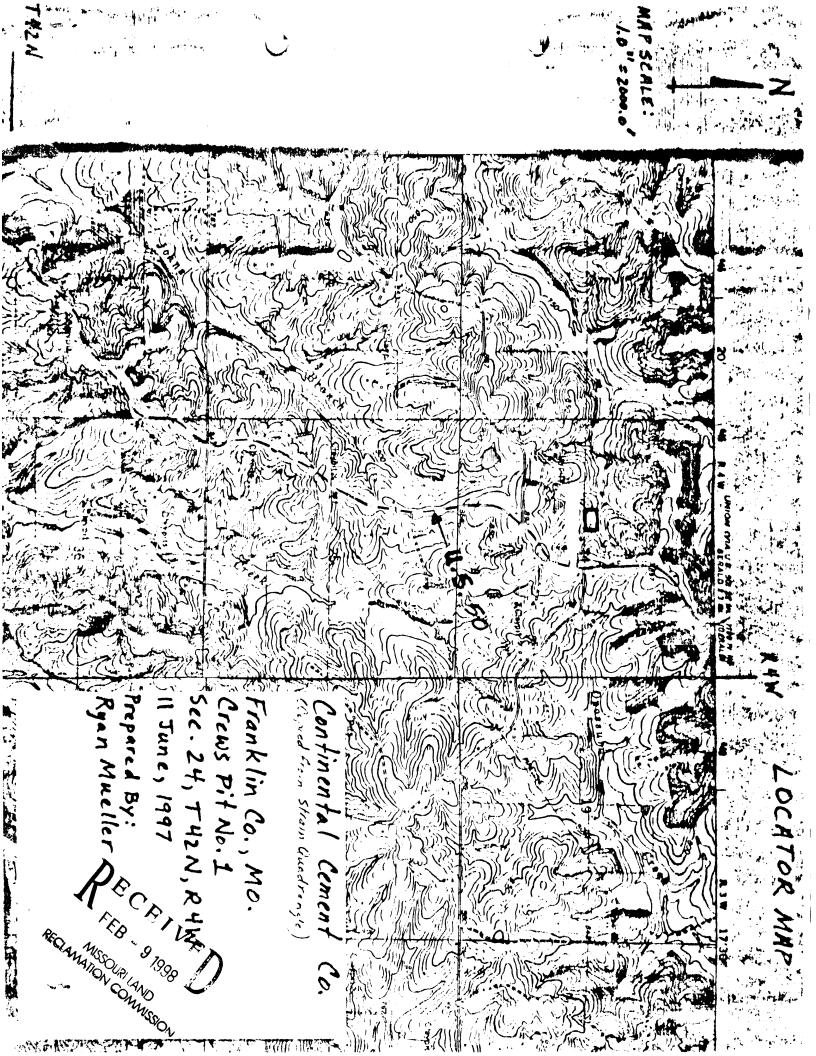
凶



By my signature, I attest to the following:

- 1. All statements made on this Mine Plan Form are correct, complete, and true, to the best of my knowledge.
- 2. I or the company I am authorized to represent intend(s) to mine in accordance with this Mine Plan Form, and in accordance with the Missouri Land Reclamation Act, Sections 444.760 through 444.789, RSMo (Supp. 1990), and all rules, regulations, orders, decisions and permits of the Missouri Land Reclamation Commission pertaining to my company's surface mining operations.
- 3. I have obtained the approval of all landowner's for all proposed post-reclamation land uses.
- 4. I have a valid agreement with all landowners which gives me the right to grant access to the Director of the Missouri Land Reclamation Commission and his authorized representatives, and I grant such access, and further where I have no such right, I have attached signed affidavits from the landowners, granting such access.

SIGNATURE OF APPLICANT	\wedge	TITLE			DATE			
2/4	Ma	Mar	-Eng	Minins	9	17/9-)	
NOTARY PUBLIC EMBOSSER SEAL	STATE	0		COUNTY (OR CI	TY OF ST. LO	UIS)	<i>J</i>	
	MISSOURI				RALLS			
	SUBSCRIBED AND SWORN BEFORE M	E, THIS		1	מממשאו			
	17th DAY OF JI	ıne	19 97	USE RUBBE	RSTAMP	IN CLEAR	AREA BELOW	
	NOTARY PUBLIC SIGNATURE	l l	MMISSION					
	Beverly A. Blund	5-2	: s 0–98					
NOTARY PUBLIC NAME (TYPED OR PRINTED)]				
	Beverly A. Bland							
APPROVED BY (DIRE OF) OR'S REPRESENTATIVE)		DATE APPR	DATE APPROVED		PERMIT NUMBER			
mother Dehili		3	3/25/98			321		



50 SHEETS 100 SHEETS 200 SHEETS

MAP SCALE: 1.0"= 100.0

N

subsurface owner: Continental Cement

1.92 acres(2) Permitted CREWS pit #1

surface owner; Sieker

Reservation Boundary

surface owner; Larry Lonigro-adjoining property

MISSOURI LAND RECLAMATION COMMISSION

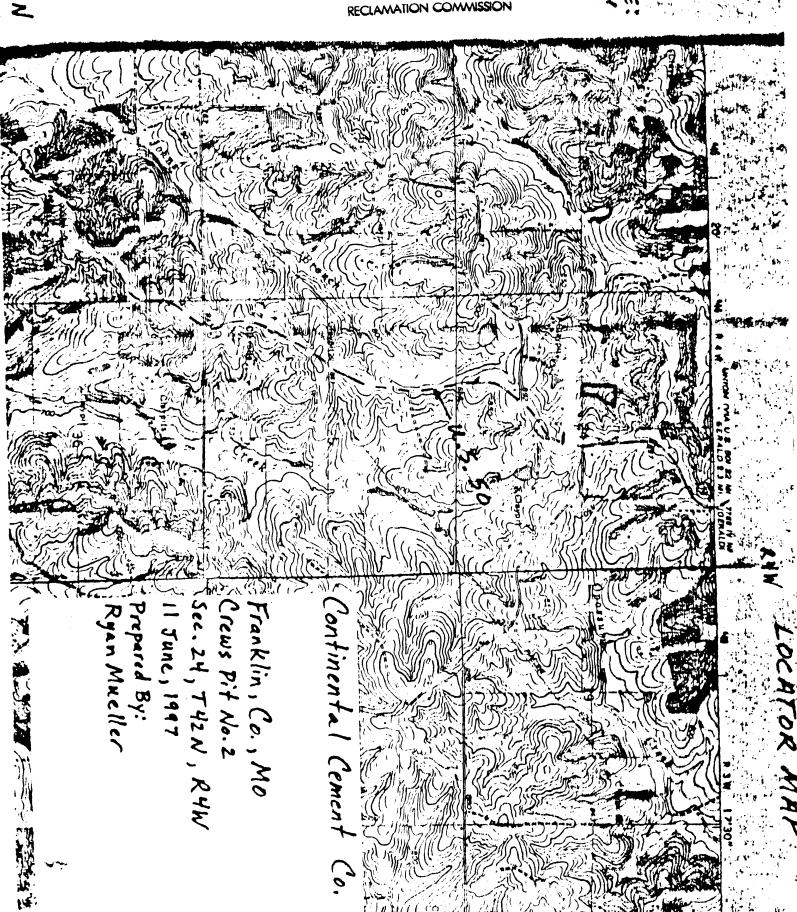
Continental Cement Co. Franklin Co., Mo Crews Pit No. 1 Sec. 24, T42N, R4W 16 June, 1997

Propared By: Ryan Mueller Amended by Lee Powell 11/17/57

Note: Distance from section corner to reservation boundary NOT TO SCALE

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MISSOURI LAND RECLAMATION COMMISSION MAP SCALE



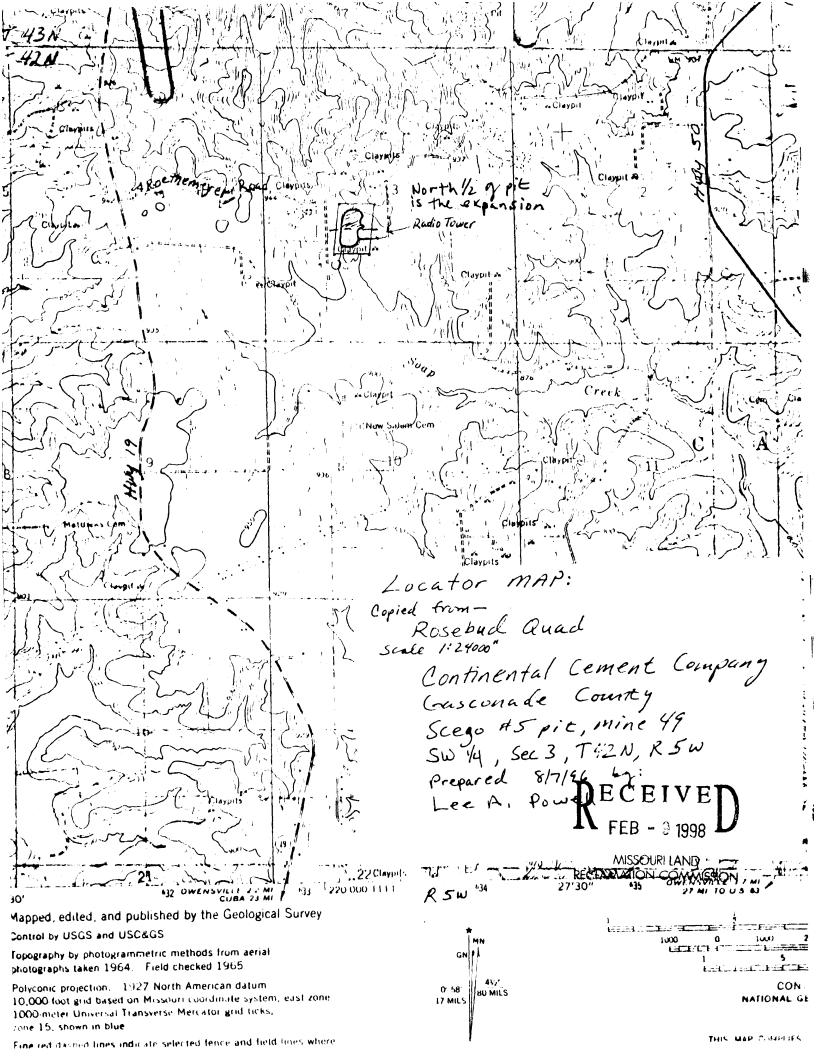
Reservation Boundary Map Scale: 1.0"= 200.0' Burface owner: James Froelker Surface owner: Gary Sicker CREWS Pit#2 Jesse Angell adjoining prop. not in fermit area 5acres ECEIVE permitted FEB - 9 1998 MISSOURI LAND RECLAMATION COMMISSION /N 35° E 320° surface owner LARRY LONIGRO adjoing property not in purmit area RYW T12N Continental Coment Co. Franklin Co., Mo

Franklin Co., Mo
Crews Pit No. 2.
Scc. 24, T42 N, R4W
16 June, 1997
Prepared By: Ryan Mueller
Amended by Lee Sowell 11/17/57

~4

22-141 22 142 22-144

ANITAL



Continental Cemen' Co. LLC Casconade Cuty. Site Sceyo #5 post mining map/Expansion
by Lee A. Powell Landowner Ronald E. Rayland MISSOURI LAND RECLAMATION COMMISSION Maybe exposed above ultimate water Level. Approx within the water line Depleted , pit Almost totally covered by water (ultimately) All OVERBURDEN supplied to Landowner for construction of Dam shown. Our overburden will be buried in the dam by additional material necessary to complete it. LANDOWNERS DAM Dam acreage 2100' linear x 165 aug wilth = 7.95 acres = 8ac. Release of this acreage is understood to happen as soon as Lundowner buries accis material under his borrow

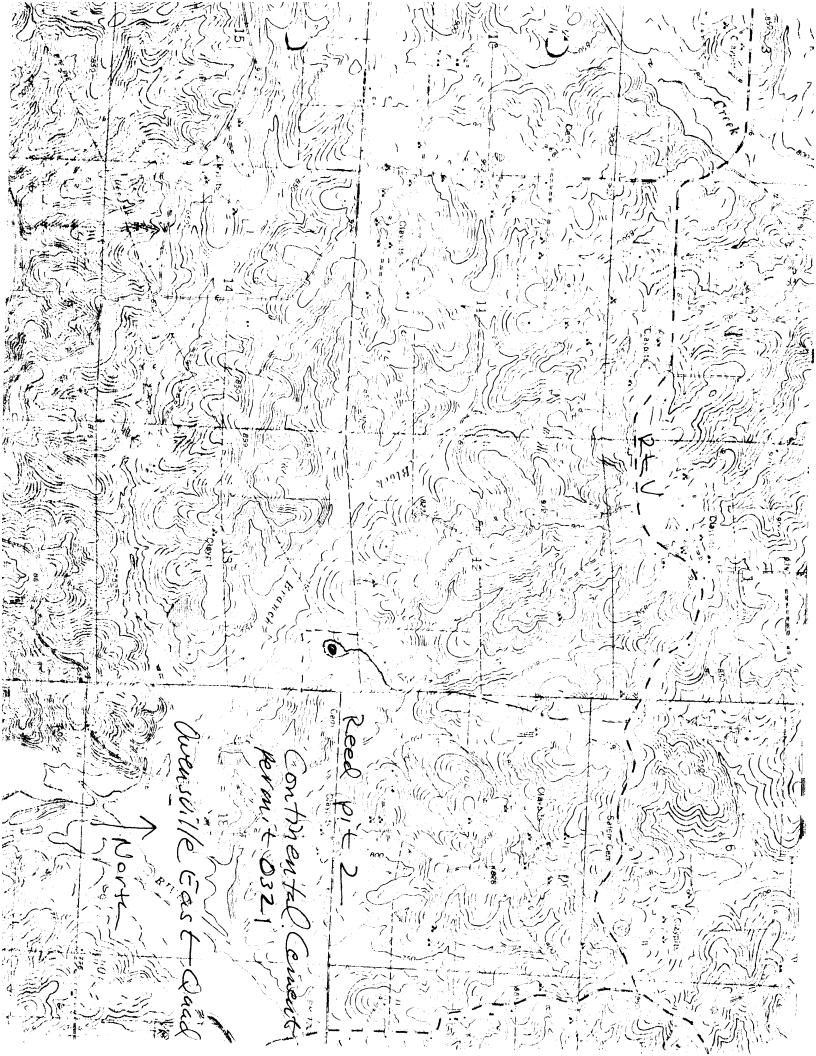
material.

1- V Dansion to include dam site.

Continental Cement Co LLC Site: Scego #5 as of 10/9/57 Conscionable Cuty by: Lee A. Prwell Landowner: Ronald E. Rayland Roethemeyer Road Deed boundary porth Permit Boundary 1=200 Stripping required ! Strippins began old pit open pit Stk clay Pre. 1972 Operating Overburden Soil 10 Acres bonded FEB - 9 1998 MISSOURI LAND RECLAMATION COMMISSION

Permit Boundary Revised - Requested by O'Dell.

Revision



Legisted in Tall 97

Legisted

MED MASSONS TO STAIN RED

MEDIUM NI 14 505 1374110 RED

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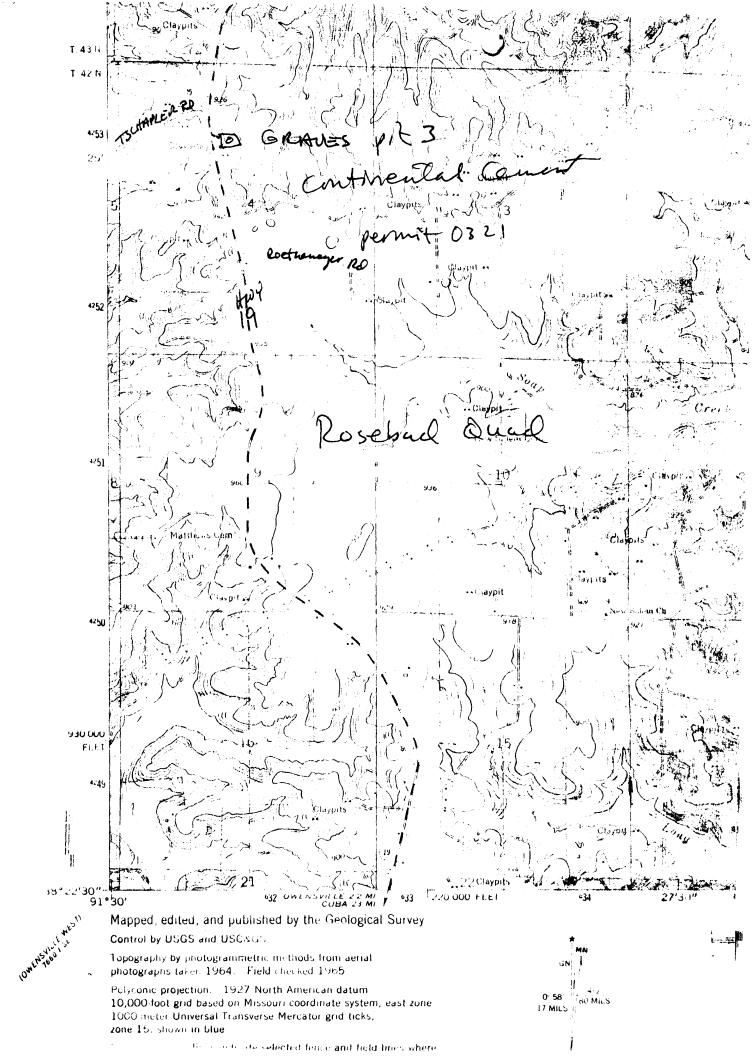
MEDIUM NI 14 505 1374110 RED

MEDIUM NI 14 505 1374110 RED

MEDIUM NI 14 505 1374110 RED

MEDIUM NI

4,21



Supplied to

Pormit Boundary

2.06 ac

Sold Signature

Page (av Depleted)

Filling 101

Water

2001

Crawes =

RECEIVED MAY 1 3 1998

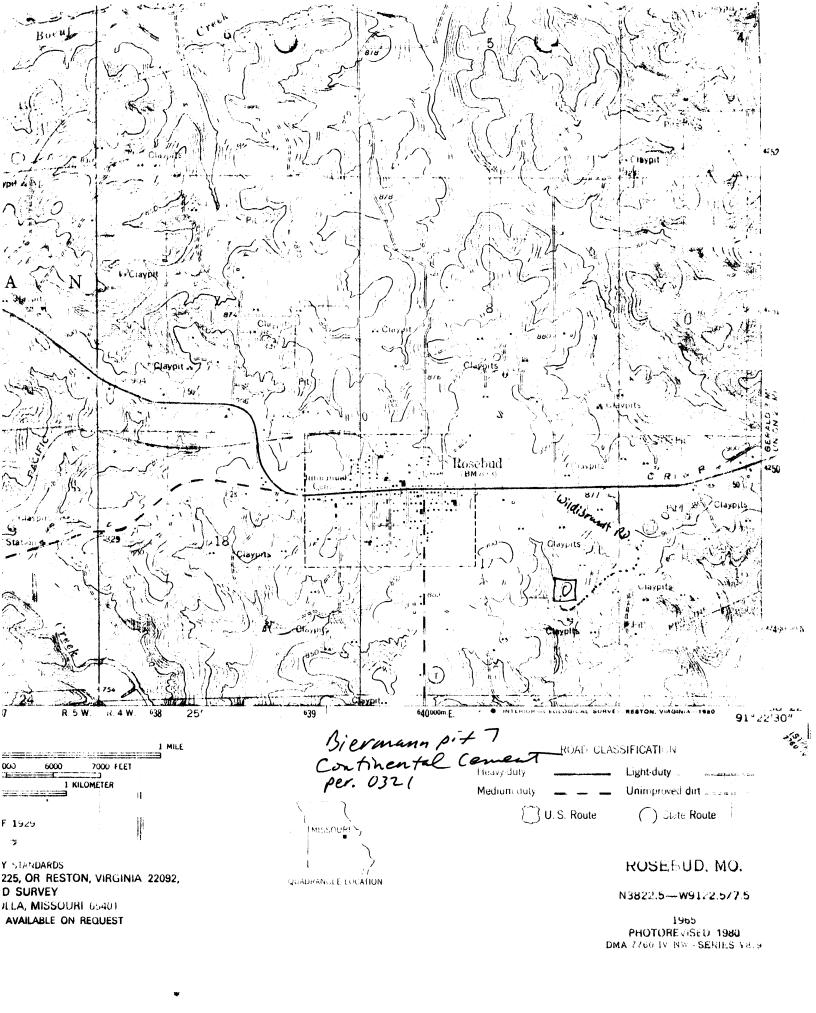
MISSOURI'LAND RECLAMATION COMMISSION

principal was deploted from pit in 91
Reclamation to begin spring 98, 00 will
be pushed in to store an unconsolidated
bank on the west side

Continendal Coment Colle

111 = 1001

lacre Border Amended to Jaccer Londed 5/88
Veclumention: Water impoundment + Wildlife Has; sof



NW Corner of the NEX y the SE 1/4 of Sec 17, TYZN, 124W 400 MISSOURI LAND RECLAMATION COMMISSION seeded End 47 400'

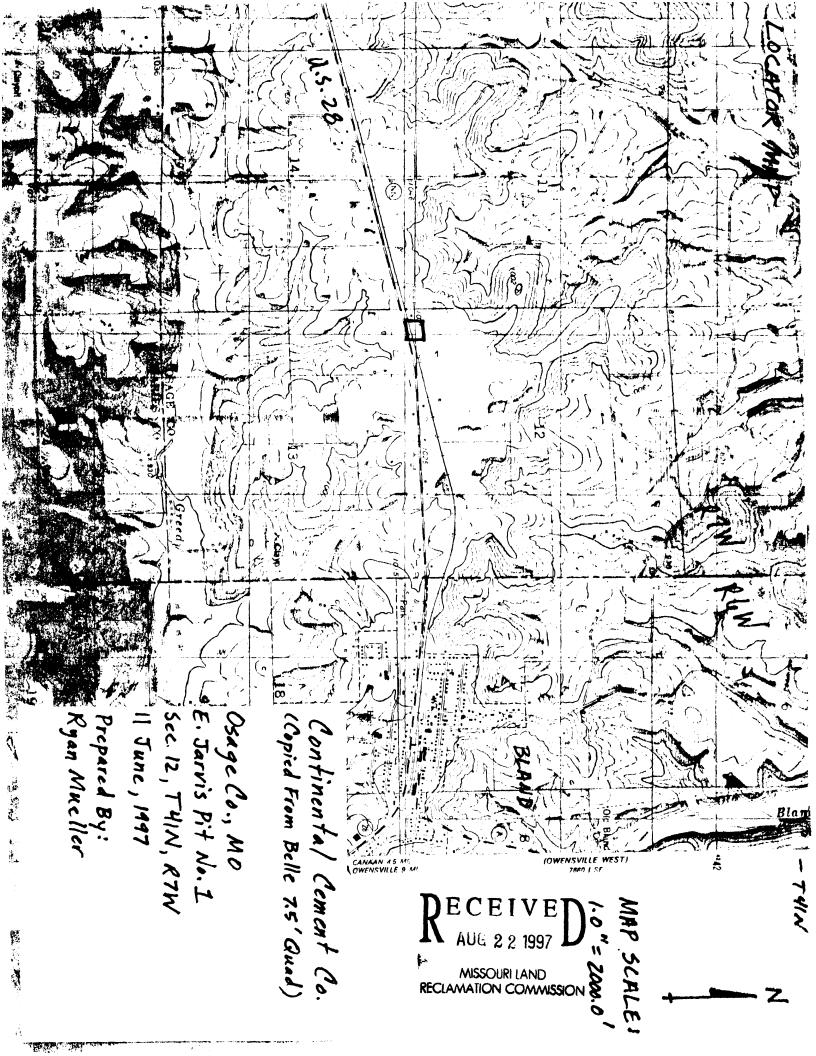
Continental Coment Co LLC

Perm 2 12 0321

1"= 100"

I acre Borded Amended to 3 acres bonded 5798

reclamation: Water 2 mp/ Wildlife Hab.



22-141 30 SHEETS 22-142 100 SHEETS 22-144 200 SHEETS

Map Scale: 1.0"=100.0'

Reservation Boundary

Permit Bound.

| acre permitted

Surface Owener

= ARL SKINDER

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MISSOURI LAND RECLAMATION COMMISSION

Continental Cement Co.

Osage Co., Mo

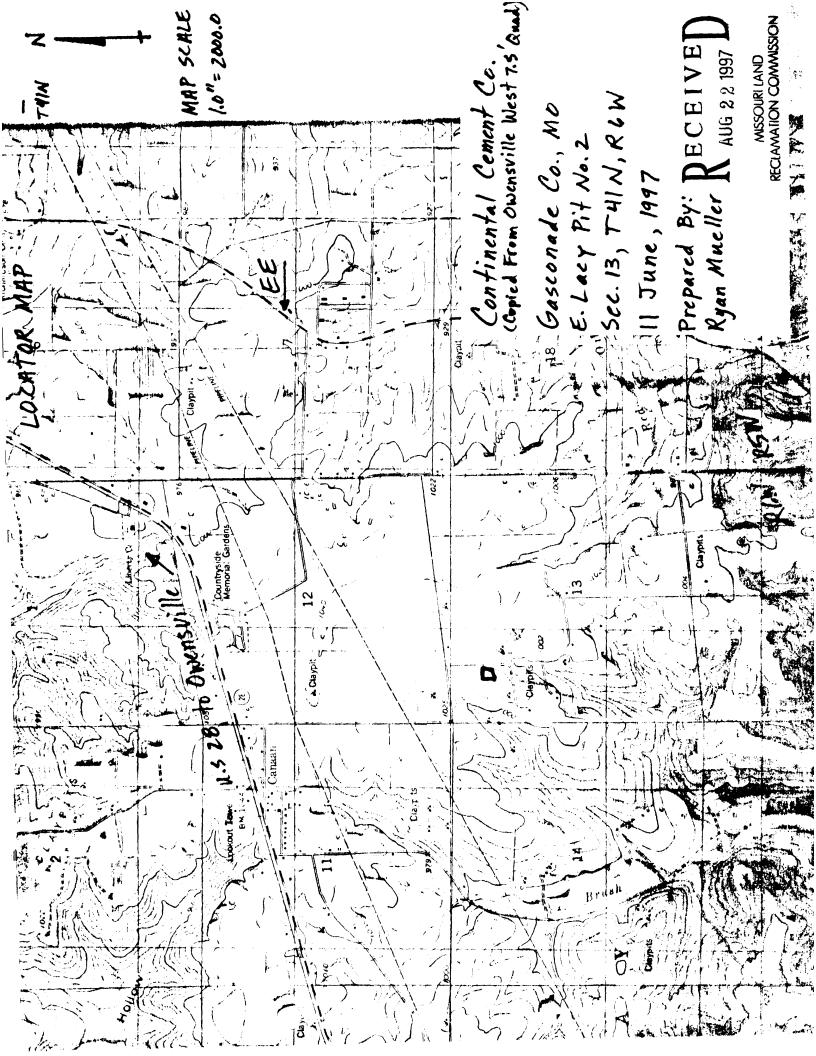
E. Jarvis Pit No. L

Sec. 12, T41N, R7W

16 June, 1997

Prepared By: Ryan Mueller

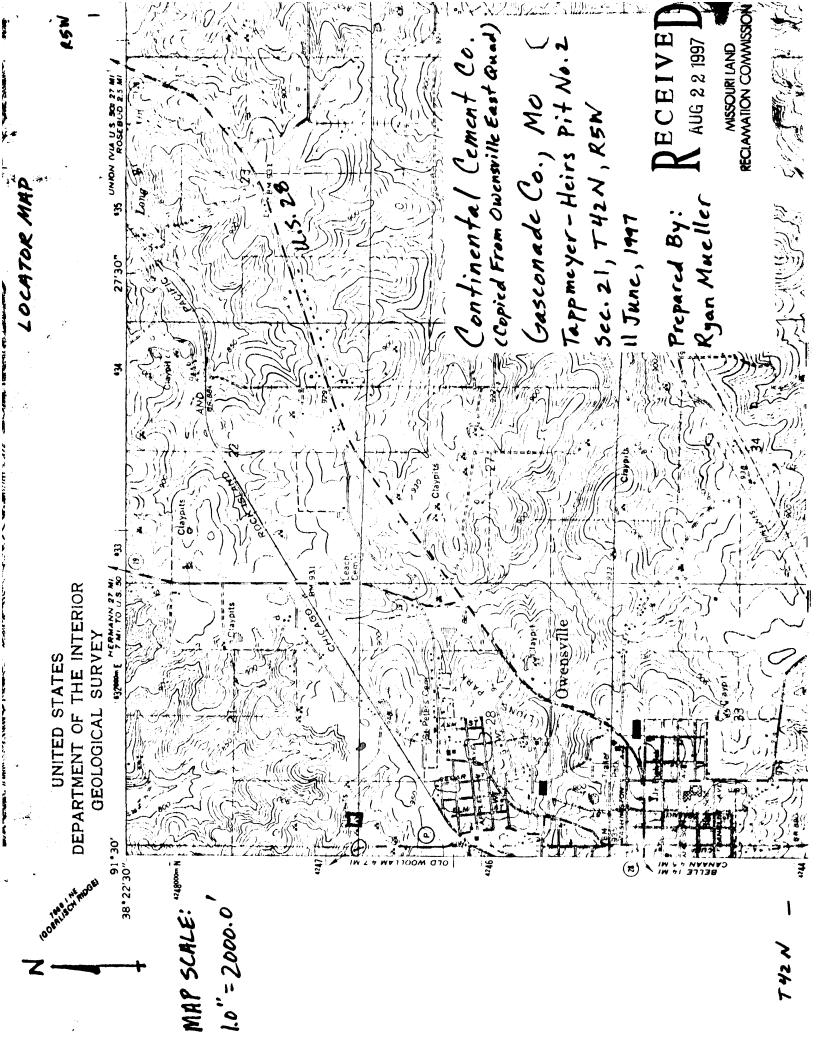
umended y; Lee Powell 11/17/57



Continental Coment Co.
Gasconade Co., Mo
E. Lacy Pit No. 2
Sec. 13, THIN, RGW
16 June, 1997
Prepared By: Ryan Mueller

22-141 SO SI 22-142 100 SI 22-144 200 SI

(Twelve)



Detail Map Post Mining Land Use

Map Scale: 1,0" = 100.0'

Permit Bound. g bench

3rd bench

1 2 1953

1 acre

Surface Owner: Earl Farris

20 21 452 29 28 DUE EAST

Reservation Boundary

Note: Distance from section Corner to reservation boundary NOT TO SCALE

T42N

All Previous mining done in 1953

Tappermeyer-Heuro #2 Trine 64 RECEIVED

MISSOURI LAND RECLAMATION COMMISSION

Continental Coment Co.
Gasconade Co., Mo
Tappmeyer -Heirs Pit No. 2
Sec. 21, T42N, R5W
16 June, 1997
Prepared By: Ryan Macller
Amended by: Lee Powell 11117/47

